

**WEST Search History****Hide Items** **Restore** **Clear** **Cancel**

DATE: Monday, April 10, 2006

**Hide? Set Name Query****Hit Count***DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR*

<input type="checkbox"/> L13	mardh adj Erik	0
<input type="checkbox"/> L12	L11 and erik	0
<input type="checkbox"/> L11	mardh adj sven	1
<input type="checkbox"/> L10	L8 and (diagnosis).clm.	1
<input type="checkbox"/> L9	L8 and diagnosis	8
<input type="checkbox"/> L8	l5 and gastritis	58
<input type="checkbox"/> L7	L6 and multiply	3
<input type="checkbox"/> L6	L5 and antibod?	46
<input type="checkbox"/> L5	L4 and (H,K-ATPase or ATPase)	120
<input type="checkbox"/> L4	L3 and l1	2249
<input type="checkbox"/> L3	( pepsinogen I or pepsinogen-I or pepsinogen A or pga or pg-I or pgi).clm.	3795658
<input type="checkbox"/> L2	( pepsinogen I or pepsinogen-I or pepsinogen A or pga or pg-I or pgi).clm	35151020
<input type="checkbox"/> L1	(pylori or hp or hpylori or helicobacter or campylobacter).clm.	2379

END OF SEARCH HISTORY

## Hit List

[First](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate GACS](#)

### Search Results - Record(s) 1 through 10 of 46 returned.

1. Document ID: US 20060021075 A1

Using default format because multiple data bases are involved.

L6: Entry 1 of 46

File: PGPB

Jan 26, 2006

PGPUB-DOCUMENT-NUMBER: 20060021075

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060021075 A1

TITLE: Group 1 CD1 transgenic mice and their uses

PUBLICATION-DATE: January 26, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang; Chyung-Ru	Chicago	IL	US

US-CL-CURRENT: 800/18

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

2. Document ID: US 20050287169 A1

L6: Entry 2 of 46

File: PGPB

Dec 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050287169

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050287169 A1

TITLE: Methods of use of genes of pyridoxal 5'-phosphate biosynthesis in *Bacillus subtilis*: avirulent strains for vaccines, and methods for identification of antibacterial agents

PUBLICATION-DATE: December 29, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Belitsky, Boris R.	Swampscott	MA	US

US-CL-CURRENT: 424/200.1; 435/252.3, 435/471

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

3. Document ID: US 20050227929 A1

L6: Entry 3 of 46

File: PGPB

Oct 13, 2005

**Record List Display**

PGPUB-DOCUMENT-NUMBER: 20050227929

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050227929 A1

TITLE: Combination therapy comprising a Cox-2 inhibitor and an antineoplastic agent

PUBLICATION-DATE: October 13, 2005

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
Masferrer, Jaime L.	Ballwin	MO	US

US-CL-CURRENT: 514/27; 514/17, 514/234.2, 514/365, 514/406, 514/43, 514/449, 514/471, 514/49,  
514/591, 514/602

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

 4. Document ID: US 20050176077 A1

L6: Entry 4 of 46

File: PGPB

Aug 11, 2005

PGPUB-DOCUMENT-NUMBER: 20050176077

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050176077 A1

TITLE: Methods of inhibiting Helicobacter pylori

PUBLICATION-DATE: August 11, 2005

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
De Reuse, Hilde	Paris		FR
Skouloubris, Stephane	Paris		FR
Cussac, Valerie	Paris		FR
Labigne, Agnes	Bures-sur-Yvette		FR

US-CL-CURRENT: 435/7.32; 435/32

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

 5. Document ID: US 20050123511 A1

L6: Entry 5 of 46

File: PGPB

Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050123511

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050123511 A1

TITLE: Dna vaccine

PUBLICATION-DATE: June 9, 2005

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
------	------	-------	---------

## Record List Display

McCreavy, David Thomas	Liverpool	GB
Fraser, William Duncan	Liverpool	GB
Gallagher, James Anthony	Liverpool	GB

US-CL-CURRENT: 424/93.2; 435/456, 435/5, 530/388.1, 536/23.72

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [IOMC](#) | [Draw Desc](#) | [Image](#)

 6. Document ID: US 20050112612 A1

L6: Entry 6 of 46

File: PGPB

May 26, 2005

PGPUB-DOCUMENT-NUMBER: 20050112612

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050112612 A1

TITLE: Lactobacillus acidophilus nucleic acid sequences encoding cell surface protein homologues and uses therefore

PUBLICATION-DATE: May 26, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Klaenhammer, Todd R.	Raleigh	NC	US
Alterman, Eric	Apex	NC	US
Buck, B. Logan	Banner Elk	NC	US
Russell, W. Michael	Newburg	IN	US

US-CL-CURRENT: 435/6; 435/183, 435/252.3, 435/320.1, 435/69.1, 530/350, 536/23.2

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [IOMC](#) | [Draw Desc](#) | [Image](#)

 7. Document ID: US 20050032134 A1

L6: Entry 7 of 46

File: PGPB

Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050032134

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050032134 A1

TITLE: Neoplasm-specific polypeptides and their uses

PUBLICATION-DATE: February 10, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Muller-Hermelink, Hans Konrad	Wurzburg		DE
Vollmers, Heinz Peter	Wurzburg		DE
Hensel, Frank	Wurzburg		DE

US-CL-CURRENT: 435/7.23; 435/320.1, 435/344, 435/69.1, 530/388.8, 536/23.53

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [IOMC](#) | [Draw Desc](#) | [Image](#)

8. Document ID: US 20050031582 A1

L6: Entry 8 of 46

File: PGPB

Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050031582

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050031582 A1

TITLE: Control of growth and repair of gastro-intestinal tissues by gastrokines and inhibitors

PUBLICATION-DATE: February 10, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Toback, F. Gary	Chicago	IL	US
Martin, Terence E.	Chicago	IL	US
Walsh-Reitz, Margaret M.	River Forest	IL	US

US-CL-CURRENT: 424/85.1; 435/320.1, 435/325, 435/69.5, 530/351, 536/23.5[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [R000](#) | [Drawn Desc](#) | [Image](#) 9. Document ID: US 20040241715 A1

L6: Entry 9 of 46

File: PGPB

Dec 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040241715

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040241715 A1

TITLE: Genes identified as required for proliferation in escherichia coli

PUBLICATION-DATE: December 2, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Zyskind, Judith	La Jolla	CA	US
Forsyth, Allyn R.	San Diego	CA	US

US-CL-CURRENT: 435/6; 435/7.1[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [R000](#) | [Drawn Desc](#) | [Image](#) 10. Document ID: US 20040224880 A1

L6: Entry 10 of 46

File: PGPB

Nov 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040224880

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040224880 A1

TITLE: Regulation of gastric acid secretion by inwardly rectifying K+ channels

**Record List Display**

PUBLICATION-DATE: November 11, 2004

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
Hagen, Susan J.	Acton	MA	US

US-CL-CURRENT: 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	------------	-------

Terms

Documents

L5 and antibod?

46

**Display Format:** [-][Previous Page](#)[Next Page](#)[Go to Doc#](#)

# Hit List

[First Hit](#) [Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate GACS](#)

## Search Results - Record(s) 11 through 20 of 46 returned.

11. Document ID: US 20040115772 A1

Using default format because multiple data bases are involved.

L6: Entry 11 of 46

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040115772

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040115772 A1

TITLE: Methods of inhibiting Helicobacter pylori

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
De Reuse, Hilde	Paris		FR
Skouloubris, Stephane	Paris		FR
Cussac, Valerie	Paris		FR
Labigne, Agnes	Bures-sur-Yvette		FR

US-CL-CURRENT: 435/69.1

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Draw Desc](#) [Image](#)

12. Document ID: US 20040109875 A1

L6: Entry 12 of 46

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040109875

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040109875 A1

TITLE: Pro-apoptotic bacterial vaccines to enhance cellular immune responses

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kernodle, Douglas S.	Brentwood	TN	US
Bochan, Markian R	Nashville	TN	US

US-CL-CURRENT: 424/200.1; 435/252.3

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Draw Desc](#) [Image](#)

13. Document ID: US 20040039212 A1

L6: Entry 13 of 46

File: PGPB

Feb 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040039212

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040039212 A1

TITLE: Sphingolipid derivatives and their methods of use

PUBLICATION-DATE: February 26, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Liotta, Dennis C.	McDonough	GA	US
Merrill, Alfred H. JR.	Dunwoody	GA	US
Keane, Thomas E.	Dunwoody	GA	US
Bhalla, Kapil N.	Atlanta	GA	US
Schmelz, Eva M.	Atlanta	GA	US

US-CL-CURRENT: 548/566; 549/491, 549/74, 554/36[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#) | 14. Document ID: US 20040029129 A1

L6: Entry 14 of 46

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040029129

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040029129 A1

TITLE: Identification of essential genes in microorganisms

PUBLICATION-DATE: February 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Liangsu	San Diego	CA	US
Zamudio, Carlos	La Jolla	CA	US
Malone, Cheryl	Santee	CA	US
Haselbeck, Robert	San Diego	CA	US
Ohlsen, kari L.	San Diego	CA	US
Zyskind, Judith W.	La Jolla	CA	US
Wall, Daniel	San Diego	CA	US
Trawick, John D.	La Mesa	CA	US
Carr, Grant J.	Escondido	CA	US
Yamamoto, Robert	San Diego	CA	US
Forsyth, R. Allyn	San Diego	CA	US
Xu, H. Howard	San Diego	CA	US

US-CL-CURRENT: 435/6; 435/183, 435/252.33, 435/254.2, 435/320.1, 435/325, 435/419, 435/69.1,  
530/350, 536/23.2

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	---------------------------	-----------------------

 **15. Document ID: US 20030219737 A1**

L6: Entry 15 of 46

File: PGPB

Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030219737

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030219737 A1

TITLE: Novel DNA polymerase III holoenzyme delta subunit nucleic acid molecules and proteins

PUBLICATION-DATE: November 27, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bullard, James M.	Longmont	CO	US
Janjic, Nebojsa	Boulder	CO	US
McHenry, Charles S.	Denver	CO	US

US-CL-CURRENT: 435/6; 435/199, 702/20

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	---------------------------	-----------------------

 **16. Document ID: US 20030194414 A1**

L6: Entry 16 of 46

File: PGPB

Oct 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030194414

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030194414 A1

TITLE: Replikin peptides and antibodies therefore

PUBLICATION-DATE: October 16, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bogoch, Samuel	New York	NY	US
Bogoch, Elenore S.	New York	NY	US

US-CL-CURRENT: 424/204.1; 424/130.1, 435/6, 530/300

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	---------------------------	-----------------------

 **17. Document ID: US 20030181408 A1**

L6: Entry 17 of 46

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030181408

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030181408 A1

**Record List Display**

TITLE: Genes essential for microbial proliferation and antisense thereto

PUBLICATION-DATE: September 25, 2003

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
Forsyth, R. Allyn	San Diego	CA	US
Ohlsen, Kari	San Diego	CA	US
Zyskind, Judith W.	La Jolla	CA	US

US-CL-CURRENT: 514/44; 435/375, 435/456

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [IOMC](#) | [Draw Desc](#) | [Image](#)

 18. Document ID: US 20030180330 A1

L6: Entry 18 of 46

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030180330

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030180330 A1

TITLE: Method for identifying helicobacter antigens

PUBLICATION-DATE: September 25, 2003

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
Meyer, Thomas F	Berlin		DE
Jungblut, Peter	Berlin		DE
Baumann, Dirk	Berlin		DE
Aebischer, Anton	Berlin		DE
Haas, Gaby	Berlin		DE
Zimny-Arndt, Ursula	Berlin		DE
Lamer, Stephanie	Berlin		DE
Karaali, Galip	Berlin		DE
Sabarth, Nicolas	Berlin		DE
Wendland, Meike	Berlin		DE

US-CL-CURRENT: 424/234.1; 435/7.32, 530/350

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [IOMC](#) | [Draw Desc](#) | [Image](#)

 19. Document ID: US 20030165932 A1

L6: Entry 19 of 46

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030165932

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030165932 A1

TITLE: Inhibitors of autoinducer transporters

## Record List Display

PUBLICATION-DATE: September 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Taga, Michiko E.	Princeton	NJ	US
Bassler, Bonnie L.	Princeton	NJ	US
McKenzie, Douglas T.	San Diego	CA	US

US-CL-CURRENT: [435/6](#); [435/252.3](#), [435/32](#), [435/7.32](#)
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMD](#) | [Drawn Desc](#) | [Image](#)
 20. Document ID: US 20030157486 A1

L6: Entry 20 of 46

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030157486

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030157486 A1

TITLE: Methods to identify signal sequences

PUBLICATION-DATE: August 21, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Graff, Jonathan M.	Dallas	TX	US
Muenster, Matthew	Irving	TX	US

US-CL-CURRENT: [435/6](#); [435/252.3](#), [435/471](#)
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMD](#) | [Drawn Desc](#) | [Image](#)
[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Terms	Documents
L5 and antibod?	46

**Display Format:** [-] [Change Format](#)
[Previous Page](#)[Next Page](#)[Go to Doc#](#)

# Hit List

[First](#) [Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACs](#)

## Search Results - Record(s) 21 through 30 of 46 returned.

21. Document ID: US 20030124614 A1

Using default format because multiple data bases are involved.

L6: Entry 21 of 46

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124614

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030124614 A1

TITLE: Novel T-cell membrane protein (TIRC7), peptides and antibodies derived therefrom and uses thereof

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Utku, Nalan	Berlin	MA	DE
Gullans, Steven R.	Natick	MA	US
Milford, Edgar L.	Dover		US

US-CL-CURRENT: 435/7.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#)

22. Document ID: US 20030083256 A1

L6: Entry 22 of 46

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030083256

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030083256 A1

TITLE: Compositions and methods for enhancing drug delivery across and into epithelial tissues

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Rothbard, Jonathan B.	Cupertino	CA	US
Wender, Paul A.	Menlo Park	CA	US
McGrane, P. Leo	Mountain View	CA	US
Sista, Lalitha V.S.	Sunnyvale	CA	US
Kirschberg, Thorsten A.	Mountain View	CA	US

US-CL-CURRENT: 514/12; 514/634, 514/636

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	----------------------	---------------------------	-----------------------

 23. Document ID: US 20030082512 A1

L6: Entry 23 of 46

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082512

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030082512 A1

TITLE: Process to study changes in gene expression in granulocytic cells

PUBLICATION-DATE: May 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yerramilli, Subrahmanyam V.	Montgomery Village	MD	US
Prashar, Yatindra	Monmouth Junction	NJ	US
Newburger, Peter	Waban	MA	US
Goguen, Jon	Holden	MA	US
Weissman, Sherman M.	New Haven	CT	US

US-CL-CURRENT: 435/4; 435/32, 435/5, 435/6

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	----------------------	---------------------------	-----------------------

 24. Document ID: US 20030049698 A1

L6: Entry 24 of 46

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049698

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030049698 A1

TITLE: Diagnosis and treatment of gastrointestinal disease

PUBLICATION-DATE: March 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Timothy C.	Acton	MA	US

US-CL-CURRENT: 435/7.21; 435/7.32

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	----------------------	---------------------------	-----------------------

 25. Document ID: US 20030045455 A1

L6: Entry 25 of 46

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030045455

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030045455 A1

**Record List Display**

**TITLE:** Method of using lectins for prevention and treatment of oral and alimentary tract disorders

**PUBLICATION-DATE:** March 6, 2003

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
Krivan, Howard C.	Carson City	NV	US
Potter, Richard C.	Stevensville	MT	US
Oldham, Michael J.	Orange	CA	US

**US-CL-CURRENT:** 514/8

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#)

26. Document ID: US 20020187487 A1

L6: Entry 26 of 46

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020187487

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020187487 A1

**TITLE:** Screen for risk for gastric adenocarcinoma

**PUBLICATION-DATE:** December 12, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
Goldenring, James R.	Nashville	TN	US
Schmidt, P. Henry	Augusta	GA	US
Lee, Jeffrey R.	Martinez	GA	US

**US-CL-CURRENT:** 435/6; 435/7.23

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#)

27. Document ID: US 20020164617 A1

L6: Entry 27 of 46

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020164617

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020164617 A1

**TITLE:** Affinity selection-based screening of hydrophobic proteins

**PUBLICATION-DATE:** November 7, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
Felsch, Jason S.	Waltham	MA	US
Annis, David Allen JR.	Cambridge	MA	US

Kalghatgi, Krishna  
Nash, Huw M.

Westboro  
Cambridge

MA  
MA

US-CL-CURRENT: 435/6

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	---------------------------	-----------------------

28. Document ID: US 20020161192 A1

L6: Entry 28 of 46

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161192

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161192 A1

TITLE: Helicobacter pylori live vaccine

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Meyer, Thomas F.	Berlin		DE
Haas, Rainer	Munchen		DE
Zhengxin, Yan	Tubingen		DE
Gomez-Duarte, Oscar	Tubingen		DE
Lucas, Bernadette	Berlin		DE
Maurer, Jochen	Stadtbergen		DE
Gibbs, Carol Patrice	Augsburg		DE
Lattemann, Claus Tobias	Neusaess		DE

US-CL-CURRENT: 530/350

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	---------------------------	-----------------------

29. Document ID: US 20020137674 A1

L6: Entry 29 of 46

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020137674

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020137674 A1

TITLE: Method of using lectins for prevention and treatment of oral and alimentary tract disorders

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Oldham, Michael J.	Oxnard	CA	US
Krivan, Howard C.	Santa Barbara	CA	US

US-CL-CURRENT: 514/8; 530/395

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Draw Desc](#) | [Image](#)

30. Document ID: US 20020102269 A1

L6: Entry 30 of 46

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102269

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102269 A1

TITLE: Methods of inhibiting helicobacter pylori

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
De Reuse, Hilde	Paris		FR
Skouloubris, Stephane	Paris		FR
Cussac, Valerie	Paris		FR
Labigne, Agnes	Bures-sur-Yvette		FR

US-CL-CURRENT: 424/190.1; 435/32, 435/7.32

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Draw Desc](#) | [Image](#)

[Clear](#)

[Generate Collection](#)

[Print](#)

[Fwd Refs](#)

[Bkwd Refs](#)

[Generate OACS](#)

Terms

Documents

L5 and antibod?

46

Display Format:  [Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

# Hit List

[First Hit](#) [Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate GACS](#)

## Search Results - Record(s) 21 through 30 of 46 returned.

21. Document ID: US 20030124614 A1

Using default format because multiple data bases are involved.

L6: Entry 21 of 46

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124614

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030124614 A1

TITLE: Novel T-cell membrane protein (TIRC7), peptides and antibodies derived therefrom and uses thereof

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Utku, Nalan	Berlin	MA	DE
Gullans, Steven R.	Natick	MA	US
Milford, Edgar L.	Dover		US

US-CL-CURRENT: [435/7.1](#)

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [EPOC](#) | [Drawn Page](#) | [Image](#)

22. Document ID: US 20030083256 A1

L6: Entry 22 of 46

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030083256

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030083256 A1

TITLE: Compositions and methods for enhancing drug delivery across and into epithelial tissues

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Rothbard, Jonathan B.	Cupertino	CA	US
Wender, Paul A.	Menlo Park	CA	US
McGrane, P. Leo	Mountain View	CA	US
Sista, Lalitha V.S.	Sunnyvale	CA	US
Kirschberg, Thorsten A.	Mountain View	CA	US

US-CL-CURRENT: [514/12](#); [514/634](#), [514/636](#)

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	----------------------	----------------------------	-----------------------

 23. Document ID: US 20030082512 A1

L6: Entry 23 of 46

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082512

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030082512 A1

TITLE: Process to study changes in gene expression in granulocytic cells

PUBLICATION-DATE: May 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yerramilli, Subrahmanyam V.	Montgomery Village	MD	US
Prashar, Yatindra	Monmouth Junction	NJ	US
Newburger, Peter	Waban	MA	US
Goguen, Jon	Holden	MA	US
Weissman, Sherman M.	New Haven	CT	US

US-CL-CURRENT: 435/4; 435/32, 435/5, 435/6

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	----------------------	----------------------------	-----------------------

 24. Document ID: US 20030049698 A1

L6: Entry 24 of 46

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049698

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030049698 A1

TITLE: Diagnosis and treatment of gastrointestinal disease

PUBLICATION-DATE: March 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Timothy C.	Acton	MA	US

US-CL-CURRENT: 435/7.21; 435/7.32

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	----------------------	----------------------------	-----------------------

 25. Document ID: US 20030045455 A1

L6: Entry 25 of 46

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030045455

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030045455 A1

**Record List Display**

**TITLE:** Method of using lectins for prevention and treatment of oral and alimentary tract disorders

**PUBLICATION-DATE:** March 6, 2003

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
Krivan, Howard C.	Carson City	NV	US
Potter, Richard C.	Stevensville	MT	US
Oldham, Michael J.	Orange	CA	US

**US-CL-CURRENT:** 514/8

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

26. Document ID: US 20020187487 A1

L6: Entry 26 of 46

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020187487

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020187487 A1

**TITLE:** Screen for risk for gastric adenocarcinoma

**PUBLICATION-DATE:** December 12, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
Goldenring, James R.	Nashville	TN	US
Schmidt, P. Henry	Augusta	GA	US
Lee, Jeffrey R.	Martinez	GA	US

**US-CL-CURRENT:** 435/6; 435/7.23

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

27. Document ID: US 20020164617 A1

L6: Entry 27 of 46

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020164617

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020164617 A1

**TITLE:** Affinity selection-based screening of hydrophobic proteins

**PUBLICATION-DATE:** November 7, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY
Felsch, Jason S.	Waltham	MA	US
Annis, David Allen JR.	Cambridge	MA	US

Kalghatgi, Krishna  
Nash, Huw M.

Westboro  
Cambridge

MA  
MA

US  
US

US-CL-CURRENT: 435/6

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	----------------------------	-----------------------

28. Document ID: US 20020161192 A1

L6: Entry 28 of 46

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161192

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161192 A1

TITLE: Helicobacter pylori live vaccine

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Meyer, Thomas F.	Berlin		DE
Haas, Rainer	Munchen		DE
Zhengxin, Yan	Tubingen		DE
Gomez-Duarte, Oscar	Tubingen		DE
Lucas, Bernadette	Berlin		DE
Maurer, Jochen	Stadtbergen		DE
Gibbs, Carol Patrice	Augsburg		DE
Lattemann, Claus Tobias	Neusaess		DE

US-CL-CURRENT: 530/350

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	----------------------------	-----------------------

29. Document ID: US 20020137674 A1

L6: Entry 29 of 46

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020137674

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020137674 A1

TITLE: Method of using lectins for prevention and treatment of oral and alimentary tract disorders

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Oldham, Michael J.	Oxnard	CA	US
Krivan, Howard C.	Santa Barbara	CA	US

US-CL-CURRENT: 514/8; 530/395

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

30. Document ID: US 20020102269 A1

L6: Entry 30 of 46

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102269

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102269 A1

TITLE: Methods of inhibiting helicobacter pylori

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
De Reuse, Hilde	Paris		FR
Skouloubris, Stephane	Paris		FR
Cussac, Valerie	Paris		FR
Labigne, Agnes	Bures-sur-Yvette		FR

US-CL-CURRENT: 424/190.1; 435/32, 435/7.32

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

Terms

Documents

L5 and antibod?

46

Display Format:

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

# Hit List

[First](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate GACS](#)

## Search Results - Record(s) 31 through 40 of 46 returned.

31. Document ID: US 20020045592 A1

Using default format because multiple data bases are involved.

L6: Entry 31 of 46

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020045592

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020045592 A1

TITLE: Genes identified as required for proliferation in escherichia coli

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Zyskind, Judith	La Jolla	CA	US
Ohlsen, Kari L.	San Diego	CA	US
Trawick, John	La Mesa	CA	US
Forsyth, R. Allyn	San Diego	CA	US
Froelich, Jamie M.	San Diego	CA	US
Carr, Grant J.	Escondido	CA	US
Yamamoto, Robert T.	San Diego	CA	US
Xu, H. Howard	San Diego	CA	US

US-CL-CURRENT: 514/44; 435/476

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

32. Document ID: US 20020022718 A1

L6: Entry 32 of 46

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020022718

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020022718 A1

TITLE: Genes identified as required for proliferation of E. coli

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Forsyth, R. Allyn	San Diego	CA	US
Ohlsen, Kari L.	San Diego	CA	US
Zyskind, Judith W.	La Jolla	CA	US

## Record List Display

US-CL-CURRENT: 536/23.1; 435/183, 435/325, 435/6, 435/69.1

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	---------------------------	-----------------------

 33. Document ID: US 20020009491 A1

L6: Entry 33 of 46

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020009491

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020009491 A1

TITLE: Compositions and methods for enhancing drug delivery across biological membranes and tissues

PUBLICATION-DATE: January 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Rothbard, Jonathan B.	Cupertino	CA	US
Wender, Paul A.	Menlo Park	CA	US

US-CL-CURRENT: 424/484; 424/486

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	---------------------------	-----------------------

 34. Document ID: US 20010014459 A1

L6: Entry 34 of 46

File: PGPB

Aug 16, 2001

PGPUB-DOCUMENT-NUMBER: 20010014459

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010014459 A1

TITLE: SCREEN FOR RISK FOR GASTRIC ADENOCARCINOMA

PUBLICATION-DATE: August 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
GOLDENRING, JAMES R.	MARTINEZ	GA	US
SCHMIDT, P. HENRY	AUGUST	GA	US
LEE, JEFFREY R.	MARTINEZ	GA	US

US-CL-CURRENT: 435/7.23; 435/6, 435/810, 435/975

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	---------------------------	-----------------------

 35. Document ID: US 6720139 B1

L6: Entry 35 of 46

File: USPT

Apr 13, 2004

US-PAT-NO: 6720139

## Record List Display

DOCUMENT-IDENTIFIER: US 6720139 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Genes identified as required for proliferation in Escherichia coli

DATE-ISSUED: April 13, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zyskind; Judith	La Jolla	CA		
Ohlsen; Kari L.	San Diego	CA		
Trawick; John	La Mesa	CA		
Forsyth; R. Allyn	San Diego	CA		
Froelich; Jamie M.	San Diego	CA		
Carr; Grant J.	Escondido	CA		
Yamamoto; Robert T.	San Diego	CA		
Xu; H. Howard	San Diego	CA		

US-CL-CURRENT: 435/6; 435/4, 514/2, 514/44

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Image</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	-----------------------	------------------------	----------------------	---------------------------	-----------------------

 36. Document ID: US 6620585 B1

L6: Entry 36 of 46

File: USPT

Sep 16, 2003

US-PAT-NO: 6620585

DOCUMENT-IDENTIFIER: US 6620585 B1

TITLE: Use of ectoenzymes and secreted enzymes to monitor cellular proliferation

DATE-ISSUED: September 16, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zyskind; Judith W.	La Jolla	CA		

US-CL-CURRENT: 435/6; 435/252.3, 435/252.34, 435/375, 536/24.5

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Image</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	-----------------------	------------------------	----------------------	---------------------------	-----------------------

 37. Document ID: US 6593292 B1

L6: Entry 37 of 46

File: USPT

Jul 15, 2003

US-PAT-NO: 6593292

DOCUMENT-IDENTIFIER: US 6593292 B1

TITLE: Compositions and methods for enhancing drug delivery across and into epithelial tissues

DATE-ISSUED: July 15, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rothbard; Jonathan B.	Cupertino	CA		
Wender; Paul A.	Menlo Park	CA		
McGrane; P. Leo	Mountain View	CA		
Sista; Lalitha V. S.	Sunnyvale	CA		
Kirschberg; Thorsten A.	Mountain View	CA		

US-CL-CURRENT: 514/2; 514/11, 514/12, 514/15, 514/159, 514/16, 514/169, 514/17, 514/254.07,  
514/263.31, 514/291, 514/423, 514/456, 514/458, 514/634, 514/635, 514/636, 530/300, 530/321,  
530/328, 530/329, 530/330, 544/366

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Abstract](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#)

38. Document ID: US 6589738 B1

L6: Entry 38 of 46

File: USPT

Jul 8, 2003

US-PAT-NO: 6589738

DOCUMENT-IDENTIFIER: US 6589738 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Genes essential for microbial proliferation and antisense thereto

DATE-ISSUED: July 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Forsyth; R. Allyn	San Diego	CA		
Ohlsen; Kari	San Diego	CA		
Zyskind; Judith W.	La Jolla	CA		

US-CL-CURRENT: 435/6; 435/5, 435/91.1, 435/91.2, 530/350, 536/23.1, 536/24.3, 536/24.31,  
536/24.33, 536/24.5

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Abstract](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#)

39. Document ID: US 6573364 B1

L6: Entry 39 of 46

File: USPT

Jun 3, 2003

US-PAT-NO: 6573364

DOCUMENT-IDENTIFIER: US 6573364 B1

TITLE: Isolation and characterization of Hermansky Pudlak Syndrome (HPS) protein complexes and HPS protein-interacting proteins

DATE-ISSUED: June 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nandabalan; Krishnan	Guilford	CT		
Yang; Meijia	East Lyme	CT		

US-CL-CURRENT: 530/350; 435/317.1

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KDDC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	------------------------	----------------------	---------------------------	-----------------------

 40. Document ID: US 6416968 B1

L6: Entry 40 of 46

File: USPT

Jul 9, 2002

US-PAT-NO: 6416968

DOCUMENT-IDENTIFIER: US 6416968 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Methods of inhibiting Helicobacter pylori

DATE-ISSUED: July 9, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
De Reuse; Hilde	Paris			FR
Skouloubris; Stephane	Paris			FR
Cussac; Valerie	Paris			FR
Labigne; Agnes	Burress/Yvette			FR

US-CL-CURRENT: 435/32; 424/141.1, 424/150.1, 424/184.1, 424/234.1, 424/236.1, 424/94.1,  
435/106, 435/12, 435/18, 435/252.1, 435/29, 435/4, 435/6, 435/69.1, 514/230.5, 514/44, 530/300,  
530/350

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KDDC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	------------------------	----------------------	---------------------------	-----------------------

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Terms	Documents
L5 and antibod?	46

Display Format: [-] [Change Format](#)[Previous Page](#)[Next Page](#)[Go to Doc#](#)

# Hit List

[First Hit](#) [Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate GACS](#)

## Search Results - Record(s) 41 through 46 of 46 returned.

41. Document ID: US 6190667 B1

Using default format because multiple data bases are involved.

L6: Entry 41 of 46

File: USPT

Feb 20, 2001

US-PAT-NO: 6190667

DOCUMENT-IDENTIFIER: US 6190667 B1

TITLE: Methods of inhibiting Helicobacter pylori

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
De Reuse; Hilde	Paris			FR
Skouloubris; Stephane	Paris			FR
Cussac; Valerie	Paris			FR
Labigne; Agnes	Burress/Yvette			FR

US-CL-CURRENT: 424/234.1; 424/780, 435/32

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#)

42. Document ID: US 6124271 A

L6: Entry 42 of 46

File: USPT

Sep 26, 2000

US-PAT-NO: 6124271

DOCUMENT-IDENTIFIER: US 6124271 A

TITLE: Method and conjugate for treating H. pylori infection

DATE-ISSUED: September 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Iversen; Patrick L.	Corvallis	OR		
Brand; Randall	Omaha	NE		
Weller; Dwight D.	Corvallis	OR		
Summerton; James E.	Corvallis	OR		

US-CL-CURRENT: 514/44; 536/24.5

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#)

43. Document ID: US 6054132 A

L6: Entry 43 of 46

File: USPT

Apr 25, 2000

US-PAT-NO: 6054132

DOCUMENT-IDENTIFIER: US 6054132 A

TITLE: Purified vacuolating toxin from Helicobacter pylori and methods to use same

DATE-ISSUED: April 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cover; Timothy L.	Nashville	TN		
Blaser; Martin J.	Nashville	TN		

US-CL-CURRENT: 424/236.1; 424/184.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

 44. Document ID: US 6013463 A

L6: Entry 44 of 46

File: USPT

Jan 11, 2000

US-PAT-NO: 6013463

DOCUMENT-IDENTIFIER: US 6013463 A

TITLE: Purified vacuolating toxin from Helicobacter pylori and methods to use same

DATE-ISSUED: January 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cover; Timothy L.	Nashville	TN		
Blaser; Martin J.	Nashville	TN		

US-CL-CURRENT: 435/7.92; 424/236.1, 435/7.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

 45. Document ID: US 5942409 A

L6: Entry 45 of 46

File: USPT

Aug 24, 1999

US-PAT-NO: 5942409

DOCUMENT-IDENTIFIER: US 5942409 A

TITLE: Process for identification of substances modulating ureI dependent mechanisms of Helicobacter pylori metabolism

DATE-ISSUED: August 24, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
------	------	-------	----------	---------

Sachs; George  
Melchers; Klaus

Encino  
Aach

CA

DE

US-CL-CURRENT: 435/32; 435/12, 435/29, 435/4

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Draw Desc](#) | [Image](#)

46. Document ID: US 5859219 A

L6: Entry 46 of 46

File: USPT

Jan 12, 1999

US-PAT-NO: 5859219

DOCUMENT-IDENTIFIER: US 5859219 A

TITLE: Purified vacuolating toxin from Helicobacter pylori and methods to use same

DATE-ISSUED: January 12, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cover; Timothy L.	Nashville	TN		
Blaser; Martin J.	Nashville	TN		

US-CL-CURRENT: 536/22.1; 424/236.1, 435/252.3, 435/320.1, 435/69.1, 435/69.3, 435/91.1,  
536/23.7, 536/24.3, 536/24.32

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Draw Desc](#) | [Image](#)

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Terms	Documents
L5 and antibod?	46

Display Format:  [Change Format](#)

[Previous Page](#)    [Next Page](#)    [Go to Doc#](#)

## Hit List

[First Hit](#) [Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate GACS](#)

Search Results - Record(s) 1 through 8 of 8 returned.

1. Document ID: US 20050227929 A1

Using default format because multiple data bases are involved.

L9: Entry 1 of 8

File: PGPB

Oct 13, 2005

PGPUB-DOCUMENT-NUMBER: 20050227929

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050227929 A1

TITLE: Combination therapy comprising a Cox-2 inhibitor and an antineoplastic agent

PUBLICATION-DATE: October 13, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Masferrer, Jaime L.	Ballwin	MO	US

US-CL-CURRENT: 514/27; 514/17, 514/234.2, 514/365, 514/406, 514/43, 514/449, 514/471, 514/49,  
514/591, 514/602

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Draw Desc](#) [Image](#)

2. Document ID: US 20050032134 A1

L9: Entry 2 of 8

File: PGPB

Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050032134

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050032134 A1

TITLE: Neoplasm-specific polypeptides and their uses

PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Muller-Hermelink, Hans Konrad	Wurzburg		DE
Vollmers, Heinz Peter	Wurzburg		DE
Hensel, Frank	Wurzburg		DE

US-CL-CURRENT: 435/7.23; 435/320.1, 435/344, 435/69.1, 530/388.8, 536/23.53

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Draw Desc](#) [Image](#)

3. Document ID: US 20030180330 A1

L9: Entry 3 of 8

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030180330

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030180330 A1

TITLE: Method for identifying helicobacter antigens

PUBLICATION-DATE: September 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Meyer, Thomas F	Berlin		DE
Jungblut, Peter	Berlin		DE
Baumann, Dirk	Berlin		DE
Aebischer, Anton	Berlin		DE
Haas, Gaby	Berlin		DE
Zimny-Arndt, Ursula	Berlin		DE
Lamer, Stephanie	Berlin		DE
Karaali, Galip	Berlin		DE
Sabarth, Nicolas	Berlin		DE
Wendland, Meike	Berlin		DE

US-CL-CURRENT: 424/234.1; 435/7.32, 530/350[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RQMC](#) | [Draw Desc](#) | [Image](#) 4. Document ID: US 20030049698 A1

L9: Entry 4 of 8

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049698

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030049698 A1

TITLE: Diagnosis and treatment of gastrointestinal disease

PUBLICATION-DATE: March 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Timothy C.	Acton	MA	US

US-CL-CURRENT: 435/7.21; 435/7.32[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RQMC](#) | [Draw Desc](#) | [Image](#) 5. Document ID: US 20010020005 A1

L9: Entry 5 of 8

File: PGPB

Sep 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010020005

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010020005 A1

TITLE: Pharmaceutical compositions for the treatment of helicobacter pylori-associated disorders

PUBLICATION-DATE: September 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chowers, Michal Y.	Tzufit		IL
Chowers, Yehuda	Tzufit		IL

US-CL-CURRENT: 514/18

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KJMC](#) | [Drawn Desc](#) | [Image](#)

 6. Document ID: US 6852739 B1

L9: Entry 6 of 8

File: USPT

Feb 8, 2005

US-PAT-NO: 6852739

DOCUMENT-IDENTIFIER: US 6852739 B1

TITLE: Methods using proton pump inhibitors and nitric oxide donors

DATE-ISSUED: February 8, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Garvey; David S.	Dover	MA		
Letts; L. Gordon	Dover	MA		
Tam; Sang William	Dover	MA		

US-CL-CURRENT: 514/338; 514/233.2, 514/254.03, 514/300, 514/303, 514/361, 544/127, 544/134,  
544/284, 544/323, 544/324, 544/368, 546/112, 546/115, 546/118, 546/121, 546/273.7, 548/126

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KJMC](#) | [Drawn Desc](#) | [Image](#)

 7. Document ID: US 6815414 B2

L9: Entry 7 of 8

File: USPT

Nov 9, 2004

US-PAT-NO: 6815414

DOCUMENT-IDENTIFIER: US 6815414 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Pharmaceutical compositions for the treatment of helicobacter pylori-associated disorders

DATE-ISSUED: November 9, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chowers; Michal Y.	Tzufit			IL

Chowers; Yehuda

Tzufit

IL

US-CL-CURRENT: 514/2; 424/9.1, 435/243, 435/7.1, 514/12, 514/17, 514/18, 530/300

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	------------------------	----------------------	---------------------------	-----------------------

 8. Document ID: US 6077830 A

L9: Entry 8 of 8

File: USPT

Jun 20, 2000

US-PAT-NO: 6077830

DOCUMENT-IDENTIFIER: US 6077830 A

\*\* See image for Certificate of Correction \*\*

TITLE: Bismuth salts of antibiotics of the moenomycin group, processes for their preparation, their use and pharmaceuticals comprising such salts

DATE-ISSUED: June 20, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vertesy; Laszlo	Eppstein			DE
Kurz; Michael	Hofheim			DE
Markus; Astrid	Liederbach			DE
Seibert; Gerhard	Darmstadt			DE

US-CL-CURRENT: 514/25; 514/53, 536/117, 536/16.8, 536/17.2

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	------------------------	----------------------	---------------------------	-----------------------

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Terms

Documents

L8 and diagnosis

8

Display Format: [-] [Change Format](#)

[Previous Page](#)[Next Page](#)[Go to Doc#](#)

[First Hit](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

End of Result Set

 [Generate Collection](#) 

L10: Entry 1 of 1

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030180330

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030180330 A1

TITLE: Method for identifying helicobacter antigens

PUBLICATION-DATE: September 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Meyer, Thomas F	Berlin		DE
Jungblut, Peter	Berlin		DE
Baumann, Dirk	Berlin		DE
Aebischer, Anton	Berlin		DE
Haas, Gaby	Berlin		DE
Zimny-Arndt, Ursula	Berlin		DE
Lamer, Stephanie	Berlin		DE
Karaali, Galip	Berlin		DE
Sabarth, Nicolas	Berlin		DE
Wendland, Meike	Berlin		DE

US-CL-CURRENT: 424/234.1; 435/7.32, 530/350

## CLAIMS:

1. Use of Helicobacter proteins HP 0231 (NCBI 2313 33), HP 0410 (NCBI 2313 516) and HP 1019 (NCBI 2314 163) for the manufacture of a vaccine.
2. The use of claim 1 wherein the vaccine is selected from recombinant subunit vaccines, live vaccines and nucleic acid vaccines.
3. Helicobacter proteome consisting of a pattern of individual proteins which are expressed by Helicobacter cells obtainable by a method comprising the steps: (a) providing a cell extract from Helicobacter cells comprising solubilized proteins, (b) separating said cell extract by two-dimensional gel electrophoresis, and (c) characterizing and/or identifying said proteins.
4. The proteome of claim 3, containing the proteins as shown in FIGS. 1, 2, 3, 4, 5, 6, 7, 8, 9 or 10, or at least a part thereof.
5. The proteome of claim 3 or 4, containing the proteins as shown in Table 1, 3, 4, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18 or at least a part thereof.
6. Helicobacter proteins which are expressed by Helicobacter cells characterized and identified by a method comprising the steps: (a) providing a cell extract from Helicobacter cells comprising solubilized proteins, (b) separating said cell extract by two-dimensional gel electrophoresis, and (c) characterizing and/or Identifying said proteins.
7. The proteins of claim 6 which are selected from the most abundant protein species as shown

in Table 3 or from virulence factors as shown in Table 4.

8. The proteins of claim 6 which are selected from pH dependent protein species as shown in Table 5.

9. The proteins of claim 6, which are Immunologically reactive with human antisera.

10. The proteins of claim 9 as shown in Tables 6-9 and 11-13, 15 and 16.

11. The proteins of claim 9 or 10 which are associated with a specific Helicobacter-mediated disease.

12. The proteins of claim 11 wherein the disease is selected from gastritis, cancer of ulcer.

13. The proteins of claim 6 which are selected from H. pylori specific antigens as shown in Table 14.

14. The proteins of claim 6 which are selected from surface-exposed proteins as shown in Table 17.

15. The proteins of claim 6 which are selected from secreted proteins as shown in Table 18.

16. The proteins of claim 6 which are selected from HP 0231 (NCBI 2313 333), HP 0410 (NCBI 2313 516) and HP 1019 (NCBI 2314 163).

17. The use of the proteome or the proteins of any one of claims 3 to 16 for the identification of targets for the diagnosis, prevention or treatment of Helicobacter infections and Helicobacter-mediated diseases.

18. The use of claim 17 for the manufacture of a diagnostic assay or kit.

19. The use of claim 18 for the manufacture of a vaccine.

20. The use of claim 19 for the manufacture of a live vaccine.

21. A method for characterizing or identifying proteins which are expressed by Helicobacter cells, comprising the steps: (a) providing a cell extract from Helicobacter cells comprising solubilized proteins, (b) separating said cell extract by two-dimensional gel electrophoresis, and (c) characterizing and/or identifying said proteins.

22. The method of claim 21, wherein said cell extract comprises a denaturing agent.

23. The method of claim 21 or 22, wherein said cell extract further comprises a thiol reagent and/or a detergent.

24. The method of any one of claims 21 to 23, wherein said two-dimensional gel electrophoresis comprises (i) separation in a first dimension according to the isoelectric point and (ii) separation in a second dimension according to size.

25. The method of any one of claims 21 to 24, wherein the proteins are characterized by peptide fingerprinting.

26. The method of claim 25, wherein the peptides are generated by in-gel proteolytic digestion.

27. The method of claim 25 or 26, wherein the peptides are characterized by mass spectrometry.

28. The method of claim 25 or 26, wherein the peptides are characterized by at least partial sequencing.

29. The method of any one of claims 21 to 28, further comprising the step: (d) determining the reactivity of the proteins with antisera.
30. The method of claim 29, wherein said antisera are human antisera.
31. The method of claim 30, wherein said human antisera are derived from Helicobacter positive patients.
32. The method of claim 30 or 31, wherein said human antisera are derived from patients suffering from Helicobacter-mediated diseases.
33. The method of claim 30 or 32, wherein said human antisera are derived from Helicobacter negative control persons.
34. The method of any one of claims 21 to 33, further comprising the steps: (e) repeating steps (a) to (c) and, optionally, (d) with Helicobacter cells from at least one different strain and/or with Helicobacter cells grown under different conditions, and (f) comparing the proteins from different Helicobacter strains and/or from Helicobacter strains grown under different conditions.
35. The method of any one of claims 21 to 34, wherein the Helicobacter cells are cultivated in vitro.
36. The method of any one of claims 21 to 34, wherein the Helicobacter cells are cultivated in vivo.
37. The method of any one of claims 21 to 36, wherein the Helicobacter cells are cultivated at a pH in the range from about 5 to 8.
38. A method for identifying and providing a substance capable of modulating the activity of Helicobacter protein of any one of claims 6-16 comprising contacting said substance with said protein and determining the modulating activity of said substance.

[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

[First Hit](#) . [Previous Doc](#) [Next Doc](#) [Go to Doc#](#)

End of Result Set

 [Generate Collection](#) [Print](#)

L11: Entry 1 of 1

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020044922

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020044922 A1

TITLE: Recombinant phages

PUBLICATION-DATE: April 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Mardh, Sven</u>	Linkoping		SE

US-CL-CURRENT: 424/93.6; 435/235.1

## CLAIMS:

1. A modified bacteriophage for use in the treatment or prophylaxis of a bacterial infection, which bacteriophage presents at its surface a recombinant protein comprising (i) a first component derived from a bacteriophage surface protein; and (ii) a second component comprising variable region sequences of an antibody to provide a bacterial antigen binding site, said second component rendering said bacteriophage capable of binding to and thereby inhibiting growth of bacterial cells involved in the etiology of said infection.
2. A bacteriophage as claimed in claim 1 for use in the treatment or prophylaxis of a mucosal bacterial infection.
3. A bacteriophage as claimed in claim 2 for use in the treatment or prophylaxis of Helicobacter pylori infection.
4. A bacteriophage as claimed in any one of claims 1 to 3 which is a modified filamentous bacteriophage.
5. A bacteriophage as claimed in any one of claims 1 to 4 which is a modified M13 bacteriophage.
6. A bacteriophage as claimed in any one of claims 1 to 5 wherein said first component of said recombinant protein is derived from the protein responsible for adsorption of the unmodified form of said bacteriophage to bacterial pili.
7. A bacteriophage as claimed in any one of claims 1 to 6 wherein said second component of said recombinant protein comprises a ScFv polypeptide.
8. A bacteriophage as claimed in any one of claims 1 to 7 which is a modified M13 bacteriophage wherein said first component of said recombinant protein is derived from the g3p protein.
9. A bacteriophage as claimed in claim 8 wherein said recombinant protein is a g3p - ScFv fusion protein.
10. A bacteriophage as claimed in any one of claims 1 to 9 for use in the treatment or prophylaxis of Helicobacter pylori infection wherein the antibody variable region sequences of

said recombinant polypeptide are variable region sequences of a monoclonal antibody selected from the monoclonal antibodies of hybridoma cell lines 5F8 (ECACC No.95121524), 2H6 (ECACC No.95121526) and 5D8 (ECACC No.95121527).

11. The modified M13 bacteriophage of claim 10 designated B8 deposited at the NCIMB under accession number NCIMB 40779, or a derivative thereof which retains the ability to bind and infect Helicobacter pylori.

12. A pharmaceutical composition comprising a bacteriophage as claimed in any one of the preceding claims in admixture with a pharmaceutically acceptable carrier or excipient.

13. A method for treatment of a bacterial infection in a mammal which comprises administering a bacteriophage or pharmaceutical composition according to any one of the preceding claims.

14. Use of a bacteriophage as claimed in any one of claims 1 to 11 in the manufacture of a medicament for the treatment or prophylaxis of a mucosal bacterial infection.

15. A hybridoma selected from 5F8 (ECACC No.95121524), 2H6 (ECACC No.95121526) and 5D8 (ECACC No.95121527).

16. A monoclonal antibody selected from the monoclonal antibodies produced by the hybridomas according to claim 15.

[Previous Doc](#)

[Next Doc](#)

[Go to Doc#](#)

## WEST Search History

[Hide Items](#) | [Restore](#) | [Clear](#) | [Cancel](#)

DATE: Monday, April 10, 2006

[Hide?](#) [Set Name Query](#)

**Hit Count**

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR*

<input type="checkbox"/> L13	mardh adj Erik	0
<input type="checkbox"/> L12	L11 and erik	0
<input type="checkbox"/> L11	mardh adj sven	1
<input type="checkbox"/> L10	L8 and (diagnosis).clm.	1
<input type="checkbox"/> L9	L8 and diagnosis	8
<input type="checkbox"/> L8	l5 and gastritis	58
<input type="checkbox"/> L7	L6 and multiply	3
<input type="checkbox"/> L6	L5 and antibod?	46
<input type="checkbox"/> L5	L4 and (H,K-ATPase or ATPase)	120
<input type="checkbox"/> L4	L3 and l1	2249
<input type="checkbox"/> L3	( pepsinogen I or pepsinogen-I or pepsinogen A or pga or pg-I or pgi).clm.	3795658
<input type="checkbox"/> L2	( pepsinogen I or pepsinogen-I or pepsinogen A or pga or pg-I or pgi).clm	35151020
<input type="checkbox"/> L1	(pylori or hp or hpylori or helicobacter or campylobacter).clm.	2379

END OF SEARCH HISTORY

[First Hit](#)    [Fwd Refs](#)

L8: Entry 52 of 58

File: USPT

Nov 9, 1999

US-PAT-NO: 5981184

DOCUMENT-IDENTIFIER: US 5981184 A

TITLE: Screening kit and process for determining action of substances inhibiting the P-type ATPase activity of Helicobacter pylori

DATE-ISSUED: November 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Melchers; Klaus	Aach			DE

US-CL-CURRENT: 435/6; 435/18, 435/252.3, 435/252.33, 435/320.1, 435/7.32, 435/7.37, 536/23.2,  
536/23.7

## CLAIMS:

We claim:

1. A screening kit for the determination of the action of substances inhibiting the P-type ATPase activity of Helicobacter, comprising
  - a) a recombinant organism consisting of host cells transformed using at least one Helicobacter P-type ATPase gene coding for a Helicobacter P-type ATPase according to SEQ ID No. 4 or SEQ ID No. 9 and controllable via a promoter,
  - b) an inducer for the genetic activation of the P-type ATPase gene of a),
  - c) cations which impair the metabolic activity of the recombinant organism only in the presence of Helicobacter P-type ATPase, and
  - d) a measuring device for the determination of the metabolic activity of the recombinant organism.
2. A screening kit as claimed in claim 1, wherein the host cells are E. coli cells.
3. The screening kit as claimed in claim 2, wherein the host cells are E. coli K12 derivatives.
4. A screening kit as claimed in claim 3, wherein the E. coli K12 derivative is E. coli MM 294.
5. A screening kit as claimed in claim 1, wherein the promoter is a tac, Trc or Trp promoter.
6. A screening kit as claimed in claim 5, wherein the inducer is IPTG (isopropylthiogalactoside) in the case of tac and Trc promoters and .beta.-IAA (indoleacetic acid) in the case of Trp promoters.
7. A screening kit as claimed in claim 1, wherein the cations are ammonium ions.
8. The screening kit as claimed in claim 1, further comprising an energy and/or nutrient

source.

9. The screening kit as claimed in claim 8, further comprising an amino acid, and/or glucose.
10. A screening kit as claimed in claim 9, wherein the amino acid is glutamine.
11. A screening kit as claimed in claim 1, wherein the measuring device for the determination of the metabolic activity is a cytosensor microphysiometer.
12. A screening kit according to claim 1, wherein the Helicobacter P-type ATPase gene comprises a nucleotide sequence consisting of nucleotides 1219 to 3276 of SEQ ID No. 1 or a nucleotide sequence consisting of nucleotides 1872 to 4094 of SEQ ID No 3.
13. A process for screening an inhibitor of P-type ATPases of Helicobacter, wherein the metabolic activity of a recombinant host cell that, upon induction, expresses at least one Helicobacter ATPase according to SEQ ID No. 4 or SEQ ID No. 9 is determined in the presence of cations that impair the metabolic activity of said recombinant host cell only upon expression of said Helicobacter APTase.
14. A process as claimed in claim 13, wherein said metabolic activity is determined before and after induction of the Helicobacter ATPase.
15. A purified and isolated DNA sequence which codes for the Helicobacter-specific ATPase 439 according to SEQ ID No. 4.
16. A purified and isolated DNA sequence as claimed in claim 14 comprising a nucleotide sequence consisting of nucleotides 1219 to 3276 of SEQ ID No. 1.
17. A purified and isolated DNA sequence which codes for the Helicobacter-specific ATPase associated proteins 514 according to SEQ ID No. 5.
18. A purified and isolated DNA sequence as claimed in claim 17 comprising a nucleotide sequence consisting of nucleotides 115 to 1632 of SEQ ID No. 2.
19. A purified and isolated DNA sequence to which codes for the Helicobacter-specific ATPase 948 according to SEQ ID No. 9.
20. A purified and isolated DNA sequence as claimed in claim 13 comprising a nucleotide sequence consisting of nucleotides 1872 to 4094 of SEQ ID No. 3.
21. A vector containing a DNA sequence which codes for Helicobacter-specific ATPase 439 according to SEQ ID No. 4.
22. A vector as claimed in claim 21, wherein the DNA sequence comprises a nucleotide sequence consisting of nucleotides 1219 to 3276 of SEQ ID No. 1.
23. A vector containing a DNA sequence which codes for Helicobacter-specific ATPase associated Protein 514 according to SEQ ID No. 5.
24. A vector as claimed in claim 23, wherein the DNA sequence comprises a nucleotide sequence consisting of nucleotides 115 to 1632 of SEQ ID No. 2.
25. A vector containing a DNA sequence which codes for Helicobacter-specific ATPase 948 according to SEQ ID No. 9.
26. A vector as claimed in claim 25, wherein the DNA sequence comprises a nucleotide sequence consisting of nucleotides 1872 to 4094 of SEQ ID No. 3 .

[Generate Collection](#)[Print](#)

## Search Results - Record(s) 51 through 58 of 58 returned.

51. [6013463](#). 07 Jun 95; 11 Jan 00. Purified vacuolating toxin from Helicobacter pylori and methods to use same. Cover; Timothy L., et al. 435/7.92; 424/236.1 435/7.32. G01N033/53 .
52. [5981184](#). 02 Jun 97; 09 Nov 99. Screening kit and process for determining action of substances inhibiting the P-type ATPase activity of Helicobacter pylori. Melchers; Klaus. 435/6; 435/18 435/252.3 435/252.33 435/320.1 435/7.32 435/7.37 536/23.2 536/23.7. C12Q001/68 C12N015/55 C12N015/63 .
53. [5942409](#). 31 Jul 98; 24 Aug 99. Process for identification of substances modulating ureI dependent mechanisms of Helicobacter pylori metabolism. Sachs; George, et al. 435/32; 435/12 435/29 435/4. C12Q001/18 C12Q001/58 C12Q001/02 C12Q001/00 .
54. [5889021](#). 01 Jul 94; 30 Mar 99. Active Compounds. Starke; Carl Ingemar. 514/313; 514/311 546/160 546/161 546/168. A61K031/47 C07D215/38 C07D215/44 C07D215/14 .
55. [5859219](#). 27 Oct 94; 12 Jan 99. Purified vacuolating toxin from Helicobacter pylori and methods to use same. Cover; Timothy L., et al. 536/22.1; 424/236.1 435/252.3 435/320.1 435/69.1 435/69.3 435/91.1 536/23.7 536/24.3 536/24.32. A61K039/106 C12N015/31 C12N001/20 C07H021/04 .
56. [5840917](#). 06 Dec 96; 24 Nov 98. Phosphorylamides, their preparation and use. Oi; Satoru, et al. 549/6; 548/180 548/217 548/309.4 549/218 549/220 558/185 558/199 558/200. C07D333/00 C07F009/06 A61K031/38 A61K031/34 .
57. [5719161](#). 24 Jun 96; 17 Feb 98. Alkoxy alkyl carbamates of imidazo(1,2-a)pyridines. Rainer; Georg. 514/300; 546/121. A61C031/485 C07D471/04 .
58. [5234910](#). 10 Oct 90; 10 Aug 93. Acid inhibitor of bacterial origin. Cave; David R.. 514/21; 424/520 435/822 514/2 514/926 530/825. A61K037/02 A61K035/74 C12N001/20 C07K015/04 .

[Generate Collection](#)[Print](#)

Terms	Documents
L5 and gastritis	58

[Prev Page](#)   [Next Page](#)   [Go to Doc#](#)


[All Databases](#) [PubMed](#) [Nucleotide](#) [Protein](#) [Genome](#) [Structure](#) [OMIM](#) [PMC](#) [Journals](#) [Books](#)
**Search** **PubMed**  for  
    

Display  Show  Sort by  Send to 
  

Items 1 - 20 of 101

Page  of 6 Next

- 1: [Watanabe Y, Aoyama N, Sakai T, Shirasaka D, Mackawa S, Kuroda K, Wambura C.](#) Related Articles, Links  
Tamura T, Nose Y, Kasuga M.
- HLA-DQB1 locus and gastric cancer in Helicobacter pylori infection.  
*J Gastroenterol Hepatol.* 2006 Feb;21(2):420-4.  
 PMID: 16509868 [PubMed - in process]
- 2: [Sakai T, Aoyama N, Satonaka K, Shigeta S, Yoshida H, Shinoda Y, Shirasaka D, Miyamoto M, Nose Y, Kasuga M.](#) Related Articles, Links
- HLA-DQB1 locus and the development of atrophic gastritis with Helicobacter pylori infection.  
*J Gastroenterol.* 1999;34 Suppl 11:24-7.  
 PMID: 10616761 [PubMed - indexed for MEDLINE]
- 3: [Azuma T, Ito S, Sato F, Yamazaki Y, Miyaji H, Ito Y, Suto H, Kuriyama M, Kato T, Kohli Y.](#) Related Articles, Links
- The role of the HLA-DQA1 gene in resistance to atrophic gastritis and gastric adenocarcinoma induced by Helicobacter pylori infection.  
*Cancer.* 1998 Mar 15;82(6):1013-8.  
 PMID: 9506344 [PubMed - indexed for MEDLINE]
- 4: [Quintero E, Pizarro MA, Rodrigo L, Pique JM, Lanas A, Ponce J, Mino G, Gisbert J, Jurado A, Herrero MJ, Jimenez A, Torrado J, Ponte A, Diaz-de-Rojas F, Salido E.](#) Related Articles, Links
- Association of Helicobacter pylori-related distal gastric cancer with the HLA class II gene DQB10602 and cagA strains in a southern European population.  
*Helicobacter.* 2005 Feb;10(1):12-21.  
 PMID: 15691311 [PubMed - indexed for MEDLINE]
- 5: [Perri F, Piepoli A, Quitadamo M, Quarticelli M, Merla A, Bisceglia M.](#) Related Articles, Links
- HLA-DQA1 and -DQB1 genes and Helicobacter pylori infection in Italian patients with gastric adenocarcinoma.  
*Tissue Antigens.* 2002 Jan;59(1):55-7.  
 PMID: 11972882 [PubMed - indexed for MEDLINE]
- 6: [Meining A, Kompisch A, Stolte M.](#) Related Articles, Links
- Comparative classification and grading of Helicobacter pylori gastritis in patients with gastric cancer and patients with functional dyspepsia.  
*Scand J Gastroenterol.* 2003 Jul;38(7):707-11.  
 PMID: 12889555 [PubMed - indexed for MEDLINE]
- 7: [Wu MS, Hsieh RP, Huang SP, Chang YT, Lin MT, Chang MC, Shun CT, Sheu JC, Lin JT.](#) Related Articles, Links
- Association of HLA-DQB1\*0301 and HLA-DQB1\*0602 with different subtypes of gastric cancer in Taiwan.  
*Jpn J Cancer Res.* 2002 Apr;93(4):404-10.  
 PMID: 11985790 [PubMed - indexed for MEDLINE]

- 8: [Zhang C, Yamada N, Wu YL, Wen M, Matsuhisa T, Matsukura N.](#) Related Articles, Links  
 Helicobacter pylori infection, glandular atrophy and intestinal metaplasia in superficial gastritis, gastric erosion, erosive gastritis, gastric ulcer and early gastric cancer. World J Gastroenterol. 2005 Feb 14;11(6):791-6. PMID: 15682469 [PubMed - indexed for MEDLINE]
- 9: [Meining A, Riedl B, Stolte M.](#) Related Articles, Links  
 Features of gastritis predisposing to gastric adenoma and early gastric cancer. J Clin Pathol. 2002 Oct;55(10):770-3. PMID: 12354805 [PubMed - indexed for MEDLINE]
- 10: [Azuma T, Ito Y, Miyaji H, Dojyo M, Tanaka Y, Hirai M, Ito S, Kato T, Kohli Y.](#) Related Articles, Links  
 Immunogenetic analysis of the human leukocyte antigen DQA1 locus in patients with duodenal ulcer or chronic atrophic gastritis harbouring Helicobacter pylori. Eur J Gastroenterol Hepatol. 1995 Aug;7 Suppl 1:S71-3. PMID: 8574742 [PubMed - indexed for MEDLINE]
- 11: [Bhasin DK, Kakkar N, Sharma BC, Joshi K, Sachdev A, Vaiphei K, Singh K.](#) Related Articles, Links  
 Helicobacter pylori in gastric cancer in India. Trop Gastroenterol. 1999 Apr-Jun;20(2):70-2. PMID: 10484891 [PubMed - indexed for MEDLINE]
- 12: [Fukuda S, Tanaka M, Soma Y, Shimoyama T, Mikami T, Crabtree JE, Saito H, Munakata A, Yoshida Y.](#) Related Articles, Links  
 Histological analysis of gastritis and Helicobacter pylori infection in patients with early gastric cancer: a case-control study. J Gastroenterol Hepatol. 2000 Dec;15(12):1370-6. PMID: 11197045 [PubMed - indexed for MEDLINE]
- 13: [Komoto K, Haruma K, Kamada T, Tanaka S, Yoshihara M, Sumii K, Kajiyama G, Talley NJ.](#) Related Articles, Links  
 Helicobacter pylori infection and gastric neoplasia: correlations with histological gastritis and tumor histology. Am J Gastroenterol. 1998 Aug;93(8):1271-6. PMID: 9707050 [PubMed - indexed for MEDLINE]
- 14: [Zhang C, Yamada N, Wu YL, Wen M, Matsuhisa T, Matsukura N.](#) Related Articles, Links  
 Comparison of Helicobacter pylori infection and gastric mucosal histological features of gastric ulcer patients with chronic gastritis patients. World J Gastroenterol. 2005 Feb 21;11(7):976-81. PMID: 15742399 [PubMed - indexed for MEDLINE]
- 15: [Ohtani M, Azuma T, Yamazaki S, Yamakawa A, Ito Y, Muramatsu A, Dojo M, Yamazaki Y, Kuriyama M.](#) Related Articles, Links  
 Association of the HLA-DRB1 gene locus with gastric adenocarcinoma in Japan. Dig Liver Dis. 2003 Jul;35(7):468-72. PMID: 12870731 [PubMed - indexed for MEDLINE]
- 16: [Kawahara Y, Mizuno M, Yoshino T, Yokota K, Oguma K, Okada H, Fujiki S, Shiratori Y.](#) Related Articles, Links  
 HLA-DQA1\*0103-DQB1\*0601 haplotype and Helicobacter pylori-positive gastric mucosa-associated lymphoid tissue lymphoma. Clin Gastroenterol Hepatol. 2005 Sep;3(9):865-8. PMID: 16234023 [PubMed - in process]
- 17: [Yoshimura T, Shimoyama T, Tanaka M, Sasaki Y, Fukuda S, Munakata A.](#) Related Articles, Links  
 Gastric mucosal inflammation and epithelial cell turnover are associated with gastric cancer in patients with Helicobacter pylori infection. J Clin Pathol. 2000 Jul;53(7):532-6.

PMID: 10961177 [PubMed - indexed for MEDLINE]

- 18: [Asaka M, Kato M, Kudo M, Katagiri M, Nishikawa K, Yoshida J, Takeda H, Miki K.](#) Related Articles, Links  
 Relationship between Helicobacter pylori infection, atrophic gastritis and gastric carcinoma in a Japanese population.  
Eur J Gastroenterol Hepatol. 1995 Aug;7 Suppl 1:S7-10.  
PMID: 8574741 [PubMed - indexed for MEDLINE]
- 19: [Kuipers EJ.](#) Related Articles, Links  
 Review article: exploring the link between Helicobacter pylori and gastric cancer.  
Aliment Pharmacol Ther. 1999 Mar;13 Suppl 1:3-11. Review.  
PMID: 10209681 [PubMed - indexed for MEDLINE]
- 20: [Sozzi M, Valentini M, Figura N, De Paoli P, Tedeschi RM, Gloghini A, Serraino D, Poletti M, Carbone A.](#) Related Articles, Links  
 Atrophic gastritis and intestinal metaplasia in Helicobacter pylori infection: the role of CagA status.  
Am J Gastroenterol. 1998 Mar;93(3):375-9.  
PMID: 9517643 [PubMed - indexed for MEDLINE]

Items 1 - 20 of 101

Page  of 6 Next

Display  Show  Sort by  Send to

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Apr 4 2006 06:32:46

[All Databases](#)[PubMed](#)[Nucleotide](#)[Protein](#)[Genome](#)[Structure](#)[OMIM](#)[PMC](#)[Journals](#)[Books](#)Search **PubMed**

for

[Go](#)[Clear](#)
[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)
Display [Summary](#)

Show

20

Sort by

Send to

All: 101 Review: 8

[About Entrez](#)  
[NCBI Toolbar](#)
[Text Version](#)[Entrez PubMed](#)[Overview](#)[Help | FAQ](#)[Tutorials](#)[New/Noteworthy](#)[E-Utilities](#)[PubMed Services](#)[Journals Database](#)[MeSH Database](#)[Single Citation Matcher](#)[Batch Citation Matcher](#)[Clinical Queries](#)[Special Queries](#)[LinkOut](#)[My NCBI](#)[Related Resources](#)[Order Documents](#)[NLM Mobile](#)[NLM Catalog](#)[NLM Gateway](#)[TOXNET](#)[Consumer Health](#)[Clinical Alerts](#)[ClinicalTrials.gov](#)[PubMed Central](#)**21:** [Uemura N, Okamoto S, Yamamoto S.](#)[Related Articles](#), [Links](#)
[H. pylori infection and the development of gastric cancer.](#)

Keio J Med. 2002 Dec;51 Suppl 2:63-8.

PMID: 12528941 [PubMed - indexed for MEDLINE]

**22:** [Xia HH, Kalantar JS, Talley NJ, Wyatt JM, Adams S, Chueng K, Mitchell HM.](#)[Related Articles](#), [Links](#)
[Antral-type mucosa in the gastric incisura, body, and fundus \(antralization\): a link between Helicobacter pylori infection and intestinal metaplasia?](#)

Am J Gastroenterol. 2000 Jan;95(1):114-21.

PMID: 10638568 [PubMed - indexed for MEDLINE]

**23:** [Ohkuma K, Okada M, Murayama H, Seo M, Maeda K, Kanda M, Okabe N.](#)[Related Articles](#), [Links](#)
[Association of Helicobacter pylori infection with atrophic gastritis and intestinal metaplasia.](#)

J Gastroenterol Hepatol. 2000 Oct;15(10):1105-12.

PMID: 11106088 [PubMed - indexed for MEDLINE]

**24:** [Isomoto H, Mizuta Y, Inoue K, Matsuo T, Hayakawa T, Miyazaki M, Onita K, Takeshima F, Murase K, Shimokawa I, Kohno S.](#)[Related Articles](#), [Links](#)
[A close relationship between Helicobacter pylori infection and gastric xanthoma.](#)

Scand J Gastroenterol. 1999 Apr;34(4):346-52.

PMID: 10365893 [PubMed - indexed for MEDLINE]

**25:** [Konturek PC, Konturek SJ, Bielanski W, Karczewska E, Pierzchalski P, Duda A, Starzynska T, Marlicz K, Popiela T, Hartwich A, Hahn EG.](#)[Related Articles](#), [Links](#)
[Role of gastrin in gastric cancerogenesis in Helicobacter pylori infected humans.](#)

J Physiol Pharmacol. 1999 Dec;50(5):857-73.

PMID: 10695565 [PubMed - indexed for MEDLINE]

**26:** [Guo DL, Dong M, Wang L, Sun LP, Yuan Y.](#)[Related Articles](#), [Links](#)
[Expression of gastric cancer-associated MG7 antigen in gastric cancer, precancerous lesions and H. pylori -associated gastric diseases.](#)

World J Gastroenterol. 2002 Dec;8(6):1009-13.

PMID: 12439915 [PubMed - indexed for MEDLINE]

**27:** [Yoshitake S, Okada M, Kimura A, Sasazuki T.](#)[Related Articles](#), [Links](#)
[Contribution of major histocompatibility complex genes to susceptibility and resistance in Helicobacter pylori related diseases.](#)

Eur J Gastroenterol Hepatol. 1999 Aug;11(8):875-80.

PMID: 10514120 [PubMed - indexed for MEDLINE]

**28:** [Warburton VJ, Everett S, Mapstone NP, Axon AT, Hawkey P, Dixon MF.](#)[Related Articles](#), [Links](#)
[Clinical and histological associations of cagA and vacA genotypes in Helicobacter pylori gastritis.](#)

J Clin Pathol. 1998 Jan;51(1):55-61.  
PMID: 9577374 [PubMed - indexed for MEDLINE]

- 29: [Floreani A, Biagini MR, Zappala F, Farinati F, Plebani M, Rugge M, Surrenti C, Naccarato R.](#) Related Articles, Links  
 Chronic atrophic gastritis and Helicobacter pylori infection in primary biliary cirrhosis: a cross-sectional study with matching.  
Ital J Gastroenterol Hepatol. 1997 Feb;29(1):13-7.  
PMID: 9265572 [PubMed - indexed for MEDLINE]
- 30: [Li Z, Chen D, Zhang C, Li Y, Cao B, Ning T, Zhao Y, You W, Ke Y.](#) Related Articles, Links  
 HLA polymorphisms are associated with Helicobacter pylori infected gastric cancer in a high risk population, China.  
Immunogenetics. 2005 Feb;56(11):781-7. Epub 2005 Jan 14.  
PMID: 15650879 [PubMed - indexed for MEDLINE]
- 31: [Ohtaka Y, Azuma T, Konishi J, Ito S, Kuriyama M.](#) Related Articles, Links  
 Association between genetic polymorphism of the pepsinogen C gene and gastric body ulcer: the genetic predisposition is not associated with Helicobacter pylori infection.  
Gut. 1997 Oct;41(4):469-74.  
PMID: 9391244 [PubMed - indexed for MEDLINE]
- 32: [Rugge M, Busatto G, Cassaro M, Shiao YH, Russo V, Leandro G, Avellini C, Fabiano A, Sidoni A, Covacci A.](#) Related Articles, Links  
 Patients younger than 40 years with gastric carcinoma: Helicobacter pylori genotype and associated gastritis phenotype.  
Cancer. 1999 Jun 15;85(12):2506-11.  
PMID: 10375095 [PubMed - indexed for MEDLINE]
- 33: [Prabhu SR, Amrapurkar AD, Amrapurkar DN.](#) Related Articles, Links  
 Role of Helicobacter pylori in gastric carcinoma.  
Natl Med J India. 1995 Mar-Apr;8(2):58-60.  
PMID: 7735060 [PubMed - indexed for MEDLINE]
- 34: [Dohmen K, Shigematsu H, Miyamoto Y, Yamasaki F, Irie K, Ishibashi H.](#) Related Articles, Links  
 Atrophic corpus gastritis and Helicobacter pylori infection in primary biliary cirrhosis.  
Dig Dis Sci. 2002 Jan;47(1):162-9.  
PMID: 11837719 [PubMed - indexed for MEDLINE]
- 35: [Matsukura N, Onda M, Yamashita K.](#) Related Articles, Links  
 [Helicobacter pylori in peptic ulcer and gastric cancer]  
Gan To Kagaku Ryoho. 1995 Feb;22(2):169-78. Review. Japanese.  
PMID: 7857088 [PubMed - indexed for MEDLINE]
- 36: [Lee JE, Lowy AM, Thompson WA, Lu M, Loflin PT, Skibber JM, Evans DB, Curley SA, Mansfield PF, Reveille JD.](#) Related Articles, Links  
 Association of gastric adenocarcinoma with the HLA class II gene DQB10301.  
Gastroenterology. 1996 Aug;111(2):426-32.  
PMID: 8690208 [PubMed - indexed for MEDLINE]
- 37: [Herrera-Goepfert R, Zuniga J, Hernandez-Guerrero A, Rodriguez-Reyna T, Osnalla N, Ruiz-Morales J, Vargas-Alarcon G, Yamamoto-Furusho JK, Mohar-Betancourt A, Hernandez-Pando R, Granados J.](#) Related Articles, Links  
 [Association of the HLA-DQB\*0501, allele of the major histocompatibility complex with gastric cancer in Mexico]  
Gac Med Mex. 2004 May-Jun;140(3):299-303. Spanish.  
PMID: 15259342 [PubMed - indexed for MEDLINE]
- 38: [Sanduleanu S, Jonkers D, De Bruine A, Hameeteman W, Stockbrugger RW.](#) Related Articles, Links  


-  Double gastric infection with *Helicobacter pylori* and non-*Helicobacter pylori* bacteria during acid-suppressive therapy: increase of pro-inflammatory cytokines and development of atrophic gastritis.  
Aliment Pharmacol Ther. 2001 Aug;15(8):1163-75.  
PMID: 11472319 [PubMed - indexed for MEDLINE]

 39: [Meining A, Stolte M.](#)

[Related Articles](#), [Links](#)

-  Close correlation of intestinal metaplasia and corpus gastritis in patients infected with *Helicobacter pylori*.  
Z Gastroenterol. 2002 Aug;40(8):557-60.  
PMID: 12297978 [PubMed - indexed for MEDLINE]

 40: [Endo S, Ohkusa T, Saito Y, Fujiki K, Okayasu I, Sato C.](#)

[Related Articles](#), [Links](#)

-  Detection of *Helicobacter pylori* infection in early stage gastric cancer. A comparison between intestinal- and diffuse-type gastric adenocarcinomas.  
Cancer. 1995 May 1;75(9):2203-8.  
PMID: 7536119 [PubMed - indexed for MEDLINE]

Items 21 - 40 of 101

Previous  2  Next

Display

Show

Sort by

Send to

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Apr 4 2006 06:32:46

[All Databases](#)[PubMed](#)[Nucleotide](#)[Protein](#)[Genome](#)[Structure](#)[OMIM](#)[PMC](#)[Journals](#)[Books](#)Search [PubMed](#)

for

[Go](#) [Clear](#)[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)Display [Summary](#)Show [20](#)

Sort by

Send to

All: 101 Review: 8

Items 41 - 60 of 101

Previous [Page](#) [3](#) of 6 Next[41: Jiang Z, Huang AL, Tao XH, Wang PL.](#)[Related Articles](#), [Links](#)

**Diagnosis of Helicobacter pylori infection and diseases associated with Helicobacter pylori by Helicobacter pylori outer membrane proteins.**  
*World J Gastroenterol.* 2004 Dec 1;10(23):3464-9.  
 PMID: 15526366 [PubMed - indexed for MEDLINE]

[42: Tsukui T, Kashiwagi R, Sakane M, Tabata F, Akamatsu T, Wada K, Futagami S, Miyake K, Sueoka N, Hirakawa T, Kobayashi M, Fujimori T, Sakamoto C.](#)[Related Articles](#), [Links](#)

**Aging increases, and duodenal ulcer reduces the risk for intestinal metaplasia of the gastric corpus in Japanese patients with dyspepsia.**  
*J Gastroenterol Hepatol.* 2001 Jan;16(1):15-21.  
 PMID: 11206310 [PubMed - indexed for MEDLINE]

[43: Uemura N, Okamoto S, Yamamoto S, Matsumura N, Yamaguchi S, Yamakido M, Taniyama K, Sasaki N, Schlemper RJ.](#)[Related Articles](#), [Links](#)

**Helicobacter pylori infection and the development of gastric cancer.**  
*N Engl J Med.* 2001 Sep 13;345(11):784-9.  
 PMID: 11556297 [PubMed - indexed for MEDLINE]

[44: Kyzekova J, Mour J.](#)[Related Articles](#), [Links](#)

**The effect of eradication therapy on histological changes in the gastric mucosa in patients with non-ulcer dyspepsia and Helicobacter pylori infection. Prospective randomized intervention study.**  
*Hepatogastroenterology.* 1999 May-Jun;46(27):2048-56.  
 PMID: 10430396 [PubMed - indexed for MEDLINE]

[45: Ando T, Tsuzuki T, Mizuno T, Minami M, Ina K, Kusugami K, Takamatsu J, Adachi K, El-Omar E, Ohta M, Goto H.](#)[Related Articles](#), [Links](#)

**Characteristics of Helicobacter pylori-induced gastritis and the effect of *H. pylori* eradication in patients with chronic idiopathic thrombocytopenic purpura.**  
*Helicobacter.* 2004 Oct;9(5):443-52.  
 PMID: 15361084 [PubMed - indexed for MEDLINE]

[46: Matsuhisa TM, Yamada NY, Kato SK, Matsukura NM.](#)[Related Articles](#), [Links](#)

**Helicobacter pylori infection, mucosal atrophy and intestinal metaplasia in Asian populations: a comparative study in age-, gender- and endoscopic diagnosis-matched subjects.**  
*Helicobacter.* 2003 Feb;8(1):29-35.  
 PMID: 12603614 [PubMed - indexed for MEDLINE]

[47: Kyzekova J, Arlt J, Arltova M.](#)[Related Articles](#), [Links](#)

**Is there any relationship between functional dyspepsia and chronic gastritis associated with Helicobacter pylori infection?**  
*Hepatogastroenterology.* 2001 Mar-Apr;48(38):594-602.

PMID: 11379362 [PubMed - indexed for MEDLINE]

- 48: [Tsega E, Gebre W, Manley P, Asfaw T.](#) [Related Articles](#), [Links](#)
- Helicobacter pylori, gastritis and non-ulcer dyspepsia in Ethiopian patients.**  
Ethiop Med J. 1996 Apr;34(2):65-71.  
PMID: 8840608 [PubMed - indexed for MEDLINE]
- 49: [Vilaichone RK, Mahachai V, Tumwasorn S, Nunthapisud P, Wisedopas N, Kullavanijaya P.](#) [Related Articles](#), [Links](#)
- Duodenal Helicobacter pylori associated duodenal ulcer depend on gastric Helicobacter pylori status.**  
J Med Assoc Thai. 2002 Jun;85 Suppl 1:S97-102.  
PMID: 12188459 [PubMed - indexed for MEDLINE]
- 50: [Wen GS, Huang YK, Hao P, Li HL, Qi Q, Zhou LF.](#) [Related Articles](#), [Links](#)
- [Immunogenetic analysis of human leukocyte antigen DRB1, DQB1 locus among Han ethnic children with Helicobacter pylori infection in Kunming]**  
Zhonghua Liu Xing Bing Xue Za Zhi. 2005 Apr;26(4):286-9. Chinese.  
PMID: 15941540 [PubMed - in process]
- 51: [Meining AG, Bayerdorffer E, Stolte M.](#) [Related Articles](#), [Links](#)
- Helicobacter pylori gastritis of the gastric cancer phenotype in relatives of gastric carcinoma patients.**  
Eur J Gastroenterol Hepatol. 1999 Jul;11(7):717-20.  
PMID: 10445789 [PubMed - indexed for MEDLINE]
- 52: [Kato S, Matsukura N, Togashi A, Masuda G, Matsuda N, Yamada N, Naito Z, Matsuhisa T, Tajiri T.](#) [Related Articles](#), [Links](#)
- Sex differences in mucosal response to Helicobacter pylori infection in the stomach and variations in interleukin-8, COX-2 and trefoil factor family 1 gene expression.**  
Aliment Pharmacol Ther. 2004 Jul;20 Suppl 1:17-24.  
PMID: 15298601 [PubMed - indexed for MEDLINE]
- 53: [Louw JA, Kidd MS, Kummer AF, Taylor K, Kotze U, Hanslo D.](#) [Related Articles](#), [Links](#)
- The relationship between Helicobacter pylori infection, the virulence genotypes of the infecting strain and gastric cancer in the African setting.**  
Helicobacter. 2001 Dec;6(4):268-73.  
PMID: 11843958 [PubMed - indexed for MEDLINE]
- 54: [Huang YK, Wen GS, Li HL, Hao P, Qi Q, Zhou LF.](#) [Related Articles](#), [Links](#)
- [Possible association between HLA-HRB1 and DQB1 genes frequency and susceptibility or resistance to Helicobacter pylori infection in Kunming Yi ethnic group children]**  
Zhonghua Er Ke Za Zhi. 2005 Feb;43(2):137-40. Chinese.  
PMID: 15833172 [PubMed - in process]
- 55: [Shibata T, Imoto I, Taguchi Y, Takaji S, Ikemura N, Nakao K, Koshiyama M, Shima T.](#) [Related Articles](#), [Links](#)
- High acid secretion may protect the gastric mucosa from injury caused by ammonia produced by Helicobacter pylori in duodenal ulcer patients.**  
J Gastroenterol Hepatol. 1996 Jul;11(7):674-80.  
PMID: 8840245 [PubMed - indexed for MEDLINE]
- 56: [Kuijpers EJ, Lundell L, Klinkenberg-Knol EC, Havu N, Festen HP, Liedman B, Lamers CB, Jansen JB, Dalenback J, Snel P, Nelis GF, Meuwissen SG.](#) [Related Articles](#), [Links](#)
- Atrophic gastritis and Helicobacter pylori infection in patients with reflux esophagitis treated with omeprazole or fundoplication.**  
N Engl J Med. 1996 Apr 18;334(16):1018-22.  
PMID: 8598839 [PubMed - indexed for MEDLINE]

- 57: Asaka M, Kimura T, Kato M, Kudo M, Miki K, Ogoshi K, Kato T, Tatsuta M, Graham DY. [Related Articles](#), [Links](#)
- Possible role of Helicobacter pylori infection in early gastric cancer development.  
Cancer. 1994 Jun 1;73(11):2691-4.  
PMID: 8194007 [PubMed - indexed for MEDLINE]
- 58: Djurkov VG, Grudeva-Popova JG, Houbavenska IN. [Related Articles](#), [Links](#)
- A study of Helicobacter pylori infection in patients with pernicious anemia.  
Folia Med (Plovdiv). 2000;42(2):23-7.  
PMID: 11217279 [PubMed - indexed for MEDLINE]
- 59: Kunstmann E, Hardt C, Treitz H, Suerbaum S, Faller G, Peitz U, Schmiegel W, Epplen JT. [Related Articles](#), [Links](#)
- In the European population HLA-class II genes are not associated with Helicobacter pylori infection.  
Eur J Gastroenterol Hepatol. 2002 Jan;14(1):49-53.  
PMID: 11782575 [PubMed - indexed for MEDLINE]
- 60: Kokkola A, Valle J, Haapiainen R, Sipponen P, Kivilaakso E, Puolakkainen P. [Related Articles](#), [Links](#)
- Helicobacter pylori infection in young patients with gastric carcinoma.  
Scand J Gastroenterol. 1996 Jul;31(7):643-7.  
PMID: 8819211 [PubMed - indexed for MEDLINE]

Items 41 - 60 of 101

Previous [Page](#) [3](#) of 6 Next

Display

[Summary](#)

Show

20

[Sort by](#)[Send to](#)[Write to the Help Desk](#)[NCBI](#) | [NLM](#) | [NIH](#)[Department of Health & Human Services](#)[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Apr 4 2006 06:32:46

[All Databases](#)[PubMed](#)[Nucleotide](#)[Protein](#)[Genome](#)[Structure](#)[OMIM](#)[PMC](#)[Journals](#)[Books](#)Search [PubMed](#)

for

[Go](#)[Clear](#)
[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)
Display [Summary](#)Show [20](#)

Sort by

Send to

All: 101 Review: 8

[About Entrez](#)  
[NCBI Toolbar](#)
[Text Version](#)[Entrez PubMed](#)[Overview](#)[Help | FAQ](#)[Tutorials](#)[New/Noteworthy](#)[E-Utilities](#)[PubMed Services](#)[Journals Database](#)[MeSH Database](#)[Single Citation Matcher](#)[Batch Citation Matcher](#)[Clinical Queries](#)[Special Queries](#)[LinkOut](#)[My NCBI](#)[Related Resources](#)[Order Documents](#)[NLM Mobile](#)[NLM Catalog](#)[NLM Gateway](#)[TOXNET](#)[Consumer Health](#)[Clinical Alerts](#)[ClinicalTrials.gov](#)[PubMed Central](#)[61: Graham DY, Yamaoka Y.](#)[Related Articles](#), [Links](#)

**Disease-specific Helicobacter pylori virulence factors: the unfulfilled promise.**  
*Helicobacter*. 2000;5 Suppl 1:S3-9; discussion S27-31. Review.  
 PMID: 10828748 [PubMed - indexed for MEDLINE]

[62: Rugge M, Russo V, Busatto G, Genta RM, Di Mario F, Farinati F, Graham DY.](#)[Related Articles](#), [Links](#)

**The phenotype of gastric mucosa coexisting with Barrett's oesophagus.**  
*J Clin Pathol*. 2001 Jun;54(6):456-60.  
 PMID: 11376019 [PubMed - indexed for MEDLINE]

[63: Rad R, Dossumbekova A, Neu B, Lang R, Bauer S, Saur D, Gerhard M, Prinz C.](#)[Related Articles](#), [Links](#)

**Cytokine gene polymorphisms influence mucosal cytokine expression, gastric inflammation, and host specific colonisation during Helicobacter pylori infection.**  
*Gut*. 2004 Aug;53(8):1082-9.  
 PMID: 15247172 [PubMed - indexed for MEDLINE]

[64: Kokkola A, Rautelin H, Puolakkainen P, Sipponen P, Farkkila M, Haapiainen R, Kosunen TU.](#)[Related Articles](#), [Links](#)

**Diagnosis of Helicobacter pylori infection in patients with atrophic gastritis: comparison of histology, 13C-urea breath test, and serology.**  
*Scand J Gastroenterol*. 2000 Feb;35(2):138-41.  
 PMID: 10720110 [PubMed - indexed for MEDLINE]

[65: Azuma T, Ito S, Ito Y, Suto H, Ohtani M, Kuriyama M, Kejda Y.](#)[Related Articles](#), [Links](#)

**[Analysis of the pathophysiology of H. pylori infection]**  
*Rinsho Byori*. 1999 Aug;47(8):719-23. Review. Japanese.  
 PMID: 10511802 [PubMed - indexed for MEDLINE]

[66: Xia HH, Talley NJ.](#)[Related Articles](#), [Links](#)

**Helicobacter pylori infection, reflux esophagitis, and atrophic gastritis: an unexplored triangle.**  
*Am J Gastroenterol*. 1998 Mar;93(3):394-400. Review.  
 PMID: 9517647 [PubMed - indexed for MEDLINE]

[67: Manes G, Dominguez-Munoz JE, Hackelsberger A, Leodolter A, Rossner A, Malfertheiner P.](#)[Related Articles](#), [Links](#)

**Prevalence of Helicobacter pylori infection and gastric mucosal abnormalities in chronic pancreatitis.**  
*Am J Gastroenterol*. 1998 Jul;93(7):1097-100.  
 PMID: 9672337 [PubMed - indexed for MEDLINE]

[68: Furuta T, El-Omar EM, Xiao F, Shirai N, Takashima M, Sugimura H.](#)[Related Articles](#), [Links](#)

**Interleukin 1beta polymorphisms increase risk of hypochlorhydria and atrophic gastritis and reduce risk of duodenal ulcer recurrence in Japan.**

Gastroenterology. 2002 Jul;123(1):92-105. Erratum in: Gastroenterology 2002 Sep;123(3):957. Sugimura Haruhiko [corrected to Sugimura Haruhiko].  
PMID: 12105837 [PubMed - indexed for MEDLINE]

- 69: Mihara T, Adachi K, Komazawa Y, Yoshida M, Araki A, Maruyama R, Furuta K. Related Articles, Links  
Ishihara S, Amano Y, Kinoshita Y.
- Characteristics of gastritis in patients with Helicobacter pylori-positive reflux esophagitis.  
J Gastroenterol Hepatol. 2005 May;20(5):682-7.  
PMID: 15853979 [PubMed - indexed for MEDLINE]
- 70: Koshida Y, Koizumi W, Sasabe M, Katoh Y, Okayasu I. Related Articles, Links  
 Association of Helicobacter pylori-dependent gastritis with gastric carcinomas in young Japanese patients: histopathological comparison of diffuse and intestinal type cancer cases.  
Histopathology. 2000 Aug;37(2):124-30.  
PMID: 10931235 [PubMed - indexed for MEDLINE]
- 71: Sipponen P, Hyvarinen H. Related Articles, Links  
 Role of Helicobacter pylori in the pathogenesis of gastritis, peptic ulcer and gastric cancer.  
Scand J Gastroenterol Suppl. 1993;196:3-6. Review.  
PMID: 8341988 [PubMed - indexed for MEDLINE]
- 72: Lo CC, Hsu PI, Lo GH, Lai KH, Cheng JS, Tseng HH, Lin CK, Chan HH, Wang YY, Ku MK, Lin CP, Peng NJ, Chien EJ. Related Articles, Links  
 Comparison of clinical, serological and histological findings between non-ulcer dyspepsia patients with and without Helicobacter pylori infection.  
J Gastroenterol Hepatol. 2001 Mar;16(3):276-81.  
PMID: 11339418 [PubMed - indexed for MEDLINE]
- 73: Hiyama T, Tanaka S, Kitadai Y, Ito M, Sumii M, Yoshihara M, Shinamoto F, Haruma K, Chayama K. Related Articles, Links  
 p53 Codon 72 polymorphism in gastric cancer susceptibility in patients with Helicobacter pylori-associated chronic gastritis.  
Int J Cancer. 2002 Jul 20;100(3):304-8.  
PMID: 12115545 [PubMed - indexed for MEDLINE]
- 74: Shibata A, Hamajima N, Ikehara Y, Saito T, Matsuo K, Katsuda N, Tajima K, Tatematsu M, Tominaga S. Related Articles, Links  
 ABO blood type, Lewis and Secretor genotypes, and chronic atrophic gastritis: a cross-sectional study in Japan.  
Gastric Cancer. 2003;6(1):8-16.  
PMID: 12673421 [PubMed - indexed for MEDLINE]
- 75: Bakka AS, El-Gariani AB, AbouGhrara FM, Salih BA. Related Articles, Links  
 Frequency of Helicobacter pylori infection in dyspeptic patients in Libya.  
Saudi Med J. 2002 Oct;23(10):1261-5.  
PMID: 12436134 [PubMed - in process]
- 76: Saruc M, Demir MA, Kucukmetin N, Kandiloglu AR, Akarca US, Yuceyar H. Related Articles, Links  
 Histological and clinical predictive value of determination of tissue CagA status by PCR in Helicobacter pylori infected patients; results of the large population based study in western Turkey.  
Hepatogastroenterology. 2002 May-Jun;49(45):878-81.  
PMID: 12064012 [PubMed - indexed for MEDLINE]
- 77: Farinati F, Cardin R, Russo VM, Busatto G, Franco M, Rugge M. Related Articles, Links  
 Helicobacter pylori CagA status, mucosal oxidative damage and gastritis phenotype: a

- potential pathway to cancer?  
*Helicobacter*. 2003 Jun;8(3):227-34.  
PMID: 12752735 [PubMed - indexed for MEDLINE]
- 78: [Kuipers EJ](#), [Uyterlinde AM](#), [Pena AS](#), [Hazenberg HJ](#), [Bloemenda E](#), [Lindeman J](#), [Klinkenberg-Knol EC](#), [Meuwissen SG](#). [Related Articles](#), [Links](#)
- Increase of *Helicobacter pylori*-associated corpus gastritis during acid suppressive therapy: implications for long-term safety.  
*Am J Gastroenterol*. 1995 Sep;90(9):1401-6.  
PMID: 7661157 [PubMed - indexed for MEDLINE]
- 79: [Leontiadis GI](#), [Minopoulos GI](#), [Maltezos E](#), [Kotsiou S](#), [Manolas KI](#), [Simopoulos K](#), [Hatseras D](#). [Related Articles](#), [Links](#)
- Effects of *Helicobacter pylori* infection on gastric emptying rate in patients with non-ulcer dyspepsia.  
*World J Gastroenterol*. 2004 Jun 15;10(12):1750-4.  
PMID: 15188499 [PubMed - indexed for MEDLINE]
- 80: [Peek RM Jr](#), [Moss SF](#), [Tham KT](#), [Perez-Perez GI](#), [Wang S](#), [Miller GG](#), [Atherton JC](#), [Holt PR](#), [Blaser MJ](#). [Related Articles](#), [Links](#)
- Helicobacter pylori* cagA+ strains and dissociation of gastric epithelial cell proliferation from apoptosis.  
*J Natl Cancer Inst*. 1997 Jun 18;89(12):863-8.  
PMID: 9196252 [PubMed - indexed for MEDLINE]

Items 61 - 80 of 101

Previous [Page](#) | 4 of 6 Next

Display

[Summary](#)

Show

20

Sort by

Send to

[Write to the Help Desk](#)[NCBI](#) | [NLM](#) | [NIH](#)[Department of Health & Human Services](#)[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Apr 4 2006 06:32:46


[All Databases](#) [PubMed](#) [Nucleotide](#) [Protein](#) [Genome](#) [Structure](#) [OMIM](#) [PMC](#) [Journals](#) [Books](#)
Search **PubMed**

for

**Go** **Clear**
[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)
Display **Summary**Show **20**

Sort by

Send to

All: 101 Review: 8

Items 81 - 100 of 101

Previous **Page** **5** of 6 Next
[About Entrez](#)  
[NCBI Toolbar](#)
[Text Version](#)[Entrez PubMed](#)[Overview](#)[Help | FAQ](#)[Tutorials](#)[New/Noteworthy](#)[E-Utilities](#)[PubMed Services](#)[Journals Database](#)[MeSH Database](#)[Single Citation Matcher](#)[Batch Citation Matcher](#)[Clinical Queries](#)[Special Queries](#)[LinkOut](#)[My NCBI](#)[Related Resources](#)[Order Documents](#)[NLM Mobile](#)[NLM Catalog](#)[NLM Gateway](#)[TOXNET](#)[Consumer Health](#)[Clinical Alerts](#)[ClinicalTrials.gov](#)[PubMed Central](#)**81:** [De Koster E, Buset M, Fernandes E, Deltenre M.](#)[Related Articles](#), [Links](#)
[Helicobacter pylori: the link with gastric cancer.](#)

Eur J Cancer Prev. 1994 May;3(3):247-57. Review.

PMID: 8061590 [PubMed - indexed for MEDLINE]

**82:** [Liu Y, Ponsioen CJ, Xiao SD, Tytgat GN, Ten Kate FJ.](#)[Related Articles](#), [Links](#)
[Geographic pathology of Helicobacter pylori gastritis.](#)

Helicobacter. 2005 Apr;10(2):107-13.

PMID: 15810940 [PubMed - indexed for MEDLINE]

**83:** [Atisook K, Kachinthorn U, Luengrojanakul P, Tanwandee T, Pakdirat P, Puapairoj A.](#) [Related Articles](#), [Links](#)
[Histology of gastritis and Helicobacter pylori infection in Thailand: a nationwide study of 3776 cases.](#)

Helicobacter. 2003 Apr;8(2):132-41.

PMID: 12662381 [PubMed - indexed for MEDLINE]

**84:** [Di Mario F, Moussa AM, Caruana P, Merli R, Cavestro GM, Dal Bo N, Iori V, Piloito A, Leandro G, Franze A, Rugge M.](#) [Related Articles](#), [Links](#)
['Serological biopsy' in first-degree relatives of patients with gastric cancer affected by Helicobacter pylori infection.](#)

Scand J Gastroenterol. 2003 Dec;38(12):1223-7.

PMID: 14750641 [PubMed - indexed for MEDLINE]

**85:** [Annibale B, Marignani M, Azzoni C, D'Ambra G, Caruana P, D'Adda T, Delle Fave G, Bordi C.](#) [Related Articles](#), [Links](#)
[Atrophic body gastritis: distinct features associated with Helicobacter pylori infection.](#)

Helicobacter. 1997 Jun;2(2):57-64.

PMID: 9432330 [PubMed - indexed for MEDLINE]

**86:** [Ierardi E, Francavilla R, Balzano T, Negrini R, Francavilla A.](#)[Related Articles](#), [Links](#)
[Autoantibodies reacting with gastric antigens in Helicobacter pylori associated body gastritis of dyspeptic children.](#)

Ital J Gastroenterol Hepatol. 1998 Oct;30(5):478-80.

PMID: 9836099 [PubMed - indexed for MEDLINE]

**87:** [Takeuchi K, Ohno Y, Tsuzuki Y, Ando T, Sekihara M, Hara T, Kuwano H.](#)[Related Articles](#), [Links](#)
[Helicobacter pylori infection and early gastric cancer.](#)

J Clin Gastroenterol. 2003 Apr;36(4):321-4.

PMID: 12642738 [PubMed - indexed for MEDLINE]

**88:** [Kuipers EJ, Perez-Perez GI, Meuwissen SG, Blaser MJ.](#)[Related Articles](#), [Links](#)
[Helicobacter pylori and atrophic gastritis: importance of the cagA status.](#)

J Natl Cancer Inst. 1995 Dec 6;87(23):1777-80.

PMID: 7473834 [PubMed - indexed for MEDLINE]

- 89: [Kato S, Nakajima S, Nishino Y, Ozawa K, Minoura T, Konno M, Maisawa S, Toyoda S, Yoshimura N, Vaid A, Genta RM.](#) [Related Articles](#), [Links](#)
- Association between gastric atrophy and Helicobacter pylori infection in Japanese children: a retrospective multicenter study.  
Dig Dis Sci. 2006 Jan;51(1):99-104.  
PMID: 16416219 [PubMed - indexed for MEDLINE]
- 90: [Zaitoun AM.](#) [Related Articles](#), [Links](#)
- Histological study of chronic gastritis from the United Arab Emirates using the Sydney system of classification.  
J Clin Pathol. 1994 Sep;47(9):810-5.  
PMID: 7962649 [PubMed - indexed for MEDLINE]
- 91: [Sipponen P, Ranta P, Helske T, Kaariainen I, Maki T, Linnala A, Suovaniemi O, Alanko A, Harkonen M.](#) [Related Articles](#), [Links](#)
- Serum levels of amidated gastrin-17 and pepsinogen I in atrophic gastritis: an observational case-control study.  
Scand J Gastroenterol. 2002 Jul;37(7):785-91.  
PMID: 12190091 [PubMed - indexed for MEDLINE]
- 92: [Chen XJ, Yan J, Shen YF.](#) [Related Articles](#), [Links](#)
- Dominant cagA/vacA genotypes and coinfection frequency of *H. pylori* in peptic ulcer or chronic gastritis patients in Zhejiang Province and correlations among different genotypes, coinfection and severity of the diseases.  
Chin Med J (Engl). 2005 Mar 20;118(6):460-7.  
PMID: 15788126 [PubMed - indexed for MEDLINE]
- 93: [Kuipers EJ, Uyterlinde AM, Pena AS, Roosendaal R, Pals G, Nelis GF, Festen HP, Meuwissen SG.](#) [Related Articles](#), [Links](#)
- Long-term sequelae of Helicobacter pylori gastritis.  
Lancet. 1995 Jun 17;345(8964):1525-8.  
PMID: 7791437 [PubMed - indexed for MEDLINE]
- 94: [Kuipers EJ.](#) [Related Articles](#), [Links](#)
- Helicobacter pylori and the risk and management of associated diseases: gastritis, ulcer disease, atrophic gastritis and gastric cancer.  
Aliment Pharmacol Ther. 1997 Apr;11 Suppl 1:71-88. Review.  
PMID: 9146793 [PubMed - indexed for MEDLINE]
- 95: [Fiocca R, Villani L, Luinetti O, Gianatti A, Perego M, Alvisi C, Turpini F, Solcia E.](#) [Related Articles](#), [Links](#)
- Helicobacter colonization and histopathological profile of chronic gastritis in patients with or without dyspepsia, mucosal erosion and peptic ulcer: a morphological approach to the study of ulcerogenesis in man.  
Virchows Arch A Pathol Anat Histopathol. 1992;420(6):489-98.  
PMID: 1609509 [PubMed - indexed for MEDLINE]
- 96: [Elta GH, Scheiman JM, Barnett JL, Nostrant TT, Behler EM, Crause I, Appelman HD.](#) [Related Articles](#), [Links](#)
- Long-term follow-up of Helicobacter pylori treatment in non-ulcer dyspepsia patients.  
Am J Gastroenterol. 1995 Jul;90(7):1089-93.  
PMID: 7611203 [PubMed - indexed for MEDLINE]
- 97: [Abe K.](#) [Related Articles](#), [Links](#)
- [Effect of Helicobacter pylori on gastric emptying in non-ulcer dyspepsia--evaluation of Helicobacter pylori by <sup>13</sup>C-urea breath test]  
Nippon Shokakibyo Gakkai Zasshi. 1999 Mar;96(3):273-9. Japanese.  
PMID: 10214075 [PubMed - indexed for MEDLINE]

- 98: Chang YW, Han YS, Lee DK, Kim HJ, Lim HS, Moon JS, Dong SH, Kim BH, Lee JI, Chang R. [Related Articles](#), [Links](#)  
 Role of Helicobacter pylori infection among offspring or siblings of gastric cancer patients.  
Int J Cancer. 2002 Oct 10;101(5):469-74.  
PMID: 12216076 [PubMed - indexed for MEDLINE]
- 99: Lamarque D, Gilbert T, Roudot-Thoraval F, Deforges L, Chaumette MT, Delchier JC. [Related Articles](#), [Links](#)  
 Seroprevalence of eight Helicobacter pylori antigens among 182 patients with peptic ulcer, MALT gastric lymphoma or non-ulcer dyspepsia. Higher rate of seroreactivity against CagA and 35-kDa antigens in patients with peptic ulcer originating from Europe and Africa.  
Eur J Gastroenterol Hepatol. 1999 Jul;11(7):721-6.  
PMID: 10445790 [PubMed - indexed for MEDLINE]
- 100: Havlasova J, Bures J, Rejchrt S, Voxova B, Krejsek J. [Related Articles](#), [Links](#)  
 [Helicobacter pylori CagA antigen antibodies]  
Cas Lek Cesk. 1998 Jun 29;137(13):404-9. Czech.  
PMID: 9748734 [PubMed - indexed for MEDLINE]

Items 81 - 100 of 101

Previous   of 6 NextDisplay  Show  Sort by [Write to the Help Desk](#)[NCBI](#) | [NLM](#) | [NIH](#)[Department of Health & Human Services](#)[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Apr 4 2006 06:32:46

=> d hist

(FILE 'HOME' ENTERED AT 16:01:10 ON 10 APR 2006)

FILE 'BIOSIS, MEDLINE, HCPLUS, CABA, JPIO, AGRICOLA, SCISEARCH,  
USPATFULL' ENTERED AT 16:01:22 ON 10 APR 2006

E MARDH

L1           0 S E3 AND SVEN  
L2           0 S E3 AND ERIK  
L3           6 S E3 AND PYLORI  
L4        110586 S (PYLORI OR HELICOBACTER OR CAMPLOBACTER OR HPYLORI)  
L5        994 S L4 AND (PEPSINOGEN-I OR PEPSINOGEN A OR PGI)  
L6       1231 S L4 AND (PEPSINOGEN-I OR PEPSINOGEN A OR PGI)  
L7       52 S L6 AND (H,K-ATPASE OR ATPASE OR HKATPASE)  
L8      34 DUP REM L7 (18 DUPLICATES REMOVED)  
L9       1 S L8 AND MULTIPLY  
L10     14 S L8 AND GASTRITIS  
L11     11 S L10 AND ANTIBOD?

FILE 'HOME' ENTERED AT 16:01:10 ON 10 APR 2006

=> FIL BIOSIS, MEDLINE, HCAPLUS, CABA, JAPIO, AGRICOLA, SCISEARCH, USPATFULL  
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'BIOSIS' ENTERED AT 16:01:22 ON 10 APR 2006

Copyright (c) 2006 The Thomson Corporation

FILE 'MEDLINE' ENTERED AT 16:01:22 ON 10 APR 2006

FILE 'HCAPLUS' ENTERED AT 16:01:22 ON 10 APR 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CABA' ENTERED AT 16:01:22 ON 10 APR 2006  
COPYRIGHT (C) 2006 CAB INTERNATIONAL (CABI)

FILE 'JAPIO' ENTERED AT 16:01:22 ON 10 APR 2006  
COPYRIGHT (C) 2006 Japanese Patent Office (JPO) - JAPIO

FILE 'AGRICOLA' ENTERED AT 16:01:22 ON 10 APR 2006

FILE 'SCISEARCH' ENTERED AT 16:01:22 ON 10 APR 2006  
Copyright (c) 2006 The Thomson Corporation

FILE 'USPATFULL' ENTERED AT 16:01:22 ON 10 APR 2006  
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

=> e mardh

E1	1	MARDGASIKTIK/BI
E2	1	MARDGPTLREWLRTYRMM/BI
E3	52	--> MARDH/BI
E4	1	MARDHAND/BI
E5	1	MARDHEKAR/BI
E6	7	MARDHUND/BI
E7	1	MARDHUNDEN/BI
E8	1	MARDHUNDENS/BI
E9	386	MARDI/BI
E10	128	MARDIA/BI
E11	2	MARDIAK/BI
E12	11	MARDIAN/BI

=> s e3 and sven

L1	0	MARDH/BI AND SVEN
----	---	-------------------

=> s e3 and erik

L2	0	MARDH/BI AND ERIK
----	---	-------------------

=> s e3 and pylori

L3	6	MARDH/BI AND PYLORI
----	---	---------------------

=> d l3 1-6 ibib abs

L3 ANSWER 1 OF 6 USPATFULL on STN  
ACCESSION NUMBER: 2006:49244 USPATFULL  
TITLE: Detection of antibiotic resistance in microorganisms  
INVENTOR(S): Haas, Rainer, Munchen, GERMANY, FEDERAL REPUBLIC OF  
Trebesius, Karlheinz, Bad Endorf, GERMANY, FEDERAL  
REPUBLIC OF  
Apfel, Heiko, Neusass, GERMANY, FEDERAL REPUBLIC OF

PATENT ASSIGNEE(S) : SeaPro Theranostics International, Lelystad,  
NETHERLANDS (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 7005257	B1	20060228
	WO 9961660		19991202
APPLICATION INFO.:	US 2000-673645		19990521 (9)
	WO 1999-EP3527		19990521
			20001031 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2000-19823098	19980522
	DE 2000-19916610	19990413
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Myers, Carla J.	
LEGAL REPRESENTATIVE:	Rothwell, Figg, Ernst & Manbeck, P.C.	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	1868	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to a process for detecting antibiotic resistances in microorganisms, in particular in bacteria, and to reagent kits which are suitable for implementing the process.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 6 USPATFULL on STN  
ACCESSION NUMBER: 2006:47471 USPATFULL  
TITLE: Annellated pyrrole compounds as proton pump inhibitors for treating ulcer  
INVENTOR(S): Smolka, Adams J., Charleston, SC, UNITED STATES  
Hammond, Charles E., Charleston, SC, UNITED STATES  
Gupta, Sandeep, Plainsboro, NJ, UNITED STATES  
PATENT ASSIGNEE(S): MERCKLE GMBH, Ulm, GERMANY, FEDERAL REPUBLIC OF, 89079 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006040945	A1	20060223
APPLICATION INFO.:	US 2003-513327	A1	20030516 (10)
	WO 2003-EP5171		20030516
			20050713 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2003-2011081	20020517
	US 2003-380928P	20020517 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET, ALEXANDRIA, VA, 22314, US	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1-18	
NUMBER OF DRAWINGS:	20 Drawing Page(s)	
LINE COUNT:	1452	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Inhibiting gastric proton pump in a mammal is accomplished by the use of a compound of formula (1) wherein the variables have the meaning given in the present description. A preferred compound of formula (2) is this

treatment ameliorates, diminishes, actively treats, reverses or prevents any injury, damage or lesions of gastric mucosa, e.g. gastric mucosal lesions and ulceration.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2005:111141 USPATFULL  
TITLE: Compositions for promoting vaginal cell proliferation and maturation  
INVENTOR(S): Yang, Shu-Ping, Alpharetta, GA, UNITED STATES  
Huang, Yanbin, Roswell, GA, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2005095219 A1 20050505  
APPLICATION INFO.: US 2003-696547 A1 20031029 (10)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A., P.O. BOX 2938, MINNEAPOLIS, MN, 55402, US  
NUMBER OF CLAIMS: 47  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 7 Drawing Page(s)  
LINE COUNT: 1309

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides hyaluronic acid compounds and derivatives thereof for increasing vaginal cell growth, vaginal cell maturation and vaginal moisture, as well as compositions, articles and methods for treating and preventing vaginal conditions characterized by poor vaginal cell growth, low vaginal cell differentiation and low vaginal moisture.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2005:76144 USPATFULL  
TITLE: Methods of collecting and analyzing human breath  
INVENTOR(S): Talton, James D, Gainesville, FL, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2005065446 A1 20050324  
APPLICATION INFO.: US 2004-502950 A1 20041118 (10)  
WO 2003-US1065 20030129

NUMBER DATE

PRIORITY INFORMATION: US 2002-352322P 20020129 (60)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, LLP, 901 NEW YORK AVENUE, NW, WASHINGTON, DC, 20001-4413  
NUMBER OF CLAIMS: 26  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 5 Drawing Page(s)  
LINE COUNT: 1308

AB The present invention provides methods of collecting and detecting compounds in a human breath sample, comprising : exhaling into a handheld sample collector to absorb at least one breath compound in an exhaled breath collector of said collector; connecting the handheld sample collector to a breath analyzer; transferring the breath compounds from the exhaled breath collector of the sample collector into the breath analyzer; and detecting breath compounds using two or more

sensors. The method may be performed to detect breath compounds for determining health or disease diagnosis, or for drug monitoring.

L3 ANSWER 5 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2004:248042 USPATFULL  
TITLE: Prevention of urogenital infections  
INVENTOR(S): Yang, Shu-Ping, Alpharetta, GA, UNITED STATES  
Huang, Yanbin, Roswell, GA, UNITED STATES  
Weart, Ilona F., Woodstock, GA, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2004192642 A1 20040930  
APPLICATION INFO.: US 2003-401522 A1 20030328 (10)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A., P.O. BOX 2938, MINNEAPOLIS, MN, 55402  
NUMBER OF CLAIMS: 52  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 3 Drawing Page(s)  
LINE COUNT: 1198  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides hyaluronic acid compounds and derivatives thereof for preventing urogenital infections by a variety of pathogens, as well as compositions, articles and methods for treating and preventing urogenital infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2004:127721 USPATFULL  
TITLE: Small acid-soluble spore protein and uses thereof  
INVENTOR(S): Fairhead, Heather Marie, 45 Park Avenue, Cambridge, UNITED KINGDOM CB4 9JU

NUMBER KIND DATE

PATENT INFORMATION: US 2004097705 A1 20040520  
APPLICATION INFO.: US 2003-416800 A1 20031010 (10)  
WO 2001-GB5061 20011116

NUMBER DATE

PRIORITY INFORMATION: GB 2000-28130 20001117  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: CROWELL & MORING LLP, INTELLECTUAL PROPERTY GROUP, P.O. BOX 14300, WASHINGTON, DC, 20044-4300  
NUMBER OF CLAIMS: 32  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 13 Drawing Page(s)  
LINE COUNT: 2110  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polypeptide having  $\alpha/\beta$  type SASP activity for use as a medicament.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s (pylori or helicobacter or camplobacter or hpylori)

L4 110586 (PYLORI OR HELICOBACTER OR CAMPLOBACTER OR HPYLORI)

```
=> s 14 and (pepsinogen-I or pepsonogen A or PGI)
L5      994 L4 AND (PEPSINOGEN-I OR PEPSINOGEN A OR PGI)
```

=>

```
=> s 14 and (pepsinogen-I or pepsonogen A or PGI)
L6      1231 L4 AND (PEPSINOGEN-I OR PEPSINOGEN A OR PGI)
```

```
=> s 16 and (H,K-ATPase or ATPase or HKATPase)
```

```
L7      52 L6 AND (H,K-ATPASE OR ATPASE OR HKATPASE)
```

=> rem dup 17

DUP IS NOT VALID HERE

The DELETE command is used to remove various items stored by the system.

To delete a saved query, saved answer set, saved L-number list, SDI request, batch request, mailing list, or user-defined cluster, format, or search field, enter the name. The name may include ? for left, right, or simultaneous left and right truncation.

Examples:

DELETE BIO?/Q	- delete query names starting with BIO
DELETE ?DRUG/A	- delete answer set names ending with DRUG
DELETE ?ELEC?/L	- delete L-number lists containing ELEC
DELETE ANTICOAG/S	- delete SDI request
DELETE ENZYME/B	- delete batch request
DELETE .MYCLUSTER	- delete user-defined cluster
DELETE .MYFORMAT	- delete user-defined display format
DELETE .MYFIELD	- delete user-defined search field
DELETE NAMELIST MYLIST	- delete mailing list

To delete an ordered document or an offline print, enter its number.

Examples:

DELETE P123001C	- delete print request
DELETE D134002C	- delete document order request

To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

DELETE L21	- delete a single L-number
DELETE L3-L6	- delete a range of L-numbers
DELETE LAST 4	- delete the last 4 L-numbers
DELETE L33-	- delete L33 and any higher L-number
DELETE -L55	- delete L55 and any lower L-number
DELETE L2-L6 RENUMBER	- delete a range of L-numbers and renumber remaining L-numbers
DELETE RENUMBER	- renumber L-numbers after deletion of intermediate L-numbers

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

Examples:

DELETE SAVED/Q - delete all saved queries  
DELETE SAVED/A - delete all saved answer sets  
DELETE SAVED/L - delete all saved L-number lists  
DELETE SAVED - delete all saved queries, answer sets,  
and L-number lists  
DELETE SAVED/S - delete all SDI requests  
DELETE SAVED/B - delete all batch requests  
DELETE CLUSTER - delete all user-defined clusters  
DELETE FORMAT - delete all user-defined display formats  
DELETE FIELD - delete all user-defined search fields  
DELETE SELECT - delete all E-numbers  
DELETE HISTORY - delete all L-numbers and restart the  
session at L1

To delete an entire multifile SDI request, enter DELETE and the name of the request. To delete a component from the multifile SDI, enter DELETE and the name of the component.

=> dup rem 17  
PROCESSING COMPLETED FOR L7  
L8 34 DUP REM L7 (18 DUPLICATES REMOVED)

=> s 18 same multiply  
MISSING OPERATOR L8 SAME  
The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s 18 and multiply  
L9 1 L8 AND MULTIPLY

=> d 19 abs ibib

L9 ANSWER 1 OF 1 USPATFULL on STN  
AB Isolated nucleic acid molecules, designated MR nucleic acid molecules, which encode novel MR proteins from Corynebacterium glutamicum are described. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing MR nucleic acid molecules, and host cells into which the expression vectors have been introduced. The invention still further provides isolated MR proteins, mutated MR proteins, fusion proteins, antigenic peptides and methods for the improvement of production of a desired compound from C. glutamicum based on genetic engineering of MR genes in this organism.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:177322 USPATFULL  
TITLE: Corynebacterium glutamicum genes encoding regulatory proteins  
INVENTOR(S): Pompejus, Markus, Waldsee, GERMANY, FEDERAL REPUBLIC OF  
Kroger, Burkhard, Limburgerhof, GERMANY, FEDERAL  
REPUBLIC OF  
Schroder, Hartwig, Nubloch, GERMANY, FEDERAL REPUBLIC  
OF  
Zelder, Oskar, Speyer, GERMANY, FEDERAL REPUBLIC OF  
Haberhauer, Gregor, Limburgerhof, GERMANY, FEDERAL  
REPUBLIC OF  
PATENT ASSIGNEE(S): BASF AG, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005153402	A1	20050714
APPLICATION INFO.:	US 2004-6098	A1	20041206 (11)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-602874, filed on 23 Jun 2000, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1999-19930476	19990701
	DE 1999-19931419	19990708
	DE 1999-19931420	19990708
	DE 1999-19932122	19990709
	DE 1999-19932128	19990709
	DE 1999-19932134	19990709
	DE 1999-19932206	19990709
	DE 1999-19932207	19990709
	DE 1999-19933003	19990714
	DE 1999-19941390	19990831
	DE 1999-19942088	19990903
	DE 1999-19942124	19990903
	US 1999-141031P	19990625 (60)
	US 1999-142690P	19990701 (60)
	US 1999-151251P	19990827 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: LAHIVE & COCKFIELD, LLP., 28 STATE STREET, BOSTON, MA, 02109, US  
NUMBER OF CLAIMS: 38  
EXEMPLARY CLAIM: 1  
LINE COUNT: 6287  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 18 and gastritis  
L10 14 L8 AND GASTRITIS

=> s 110 and antibod?  
L11 11 L10 AND ANTIBOD?

=> d 111 abs ibib

L11 ANSWER 1 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AB Juvenile patients affected with autoimmune thyroid disorders showed a 14-21% prevalence of parietal cell **antibodies** (PCA) reacting against the **H<sup>+</sup>/K<sup>+</sup>-ATPase** of the gastric parietal cells. PCA are the principal immunological markers of atrophic body **gastritis** (ABG). ABG is characterized by loss of oxytic glands, achlorhydria, and hypergastrinemia. The aim of this study was to determine whether PCA positivity could be associated with biochemical and histological manifestations of gastric autoimmunity in juvenile patients with autoimmune thyroid disease (AITD). We studied 129 children ( 96 females and 33 males) with chronic lymphocytic thyroiditis (n = 115) or Graves' disease (n = 14). Mean age at diagnosis of AITD was 9.7 +/- 3.3 yr, and mean age at sampling was 12.3 +/- 3.7 yr. We determined PCA and **Helicobacter pylori antibodies**, gastrin, and **pepsinogen I** plasma levels. Gastroscopy with multiple biopsies was carried out in a subgroup of patients with PCA positivity. We found that 30% of children had detectable PCA. Hypergastrinemia was found in 45% of the PCA-positive children (range, 40-675 pg/ml) vs. 12% of PCA-negative children (range, 35-65 pg/ml; P 0.001). Eighteen patients with PCA positivity underwent gastroscopy; eight of these children had normogastrinemia, which showed no signs of ABG, and 10 children had hypergastrinemia, of whom five had mild to severe ABG. Our study shows that autoimmune **gastritis** is an early event in juvenile AITD with detectable PCA. Gastrin plasma level is a reliable marker of gastric atrophy.

ACCESSION NUMBER: 2005:22114 BIOSIS  
DOCUMENT NUMBER: PREV200500021412  
TITLE: Early manifestations of gastric autoimmunity in patients with juvenile autoimmune thyroid diseases.  
AUTHOR(S): Segni, Maria [Reprint Author]; Borrelli, Osvaldo; Pucarelli, Ida; Delle Fave, Gianfranco; Pasquino, Anna Maria; Annibale, Bruno  
CORPORATE SOURCE: Dept PediatSch Med 1, Univ La Sapienza, Via Giuseppe Vaccari 3, I-00194, Rome, Italy  
m.segni@mclink.it  
SOURCE: Journal of Clinical Endocrinology & Metabolism, (October 2004) Vol. 89, No. 10, pp. 4944-4948. print.  
ISSN: 0021-972X (ISSN print).  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 29 Dec 2004  
Last Updated on STN: 29 Dec 2004

=> d 111 abs ibib 1-11

L11 ANSWER 1 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AB Juvenile patients affected with autoimmune thyroid disorders showed a 14-21% prevalence of parietal cell **antibodies** (PCA) reacting against the **H<sup>+</sup>/K<sup>+</sup>-ATPase** of the gastric parietal cells. PCA are the principal immunological markers of atrophic body **gastritis** (ABG). ABG is characterized by loss of oxyntic glands, achlorhydria, and hypergastrinemia. The aim of this study was to determine whether PCA positivity could be associated with biochemical and histological manifestations of gastric autoimmunity in juvenile patients with autoimmune thyroid disease (AITD). We studied 129 children ( 96 females and 33 males) with chronic lymphocytic thyroiditis (n = 115) or Graves' disease (n = 14). Mean age at diagnosis of AITD was 9.7 +/- 3.3 yr, and mean age at sampling was 12.3 +/- 3.7 yr. We determined PCA and **Helicobacter pylori antibodies**, gastrin, and **pepsinogen I** plasma levels. Gastroscopy with multiple biopsies was carried out in a subgroup of patients with PCA positivity. We found that 30% of children had detectable PCA. Hypergastrinemia was found in 45% of the PCA-positive children (range, 40-675 pg/ml) vs. 12% of PCA-negative children (range, 35-65 pg/ml; P 0.001). Eighteen patients with PCA positivity underwent gastroscopy; eight of these children had normogastrinemia, which showed no signs of ABG, and 10 children had hypergastrinemia, of whom five had mild to severe ABG. Our study shows that autoimmune **gastritis** is an early event in juvenile AITD with detectable PCA. Gastrin plasma level is a reliable marker of gastric atrophy.

ACCESSION NUMBER: 2005:22114 BIOSIS  
DOCUMENT NUMBER: PREV200500021412  
TITLE: Early manifestations of gastric autoimmunity in patients with juvenile autoimmune thyroid diseases.  
AUTHOR(S): Segni, Maria [Reprint Author]; Borrelli, Osvaldo; Pucarelli, Ida; Delle Fave, Gianfranco; Pasquino, Anna Maria; Annibale, Bruno  
CORPORATE SOURCE: Dept PediatSch Med 1, Univ La Sapienza, Via Giuseppe Vaccari 3, I-00194, Rome, Italy  
m.segni@mclink.it  
SOURCE: Journal of Clinical Endocrinology & Metabolism, (October 2004) Vol. 89, No. 10, pp. 4944-4948. print.  
ISSN: 0021-972X (ISSN print).  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 29 Dec 2004  
Last Updated on STN: 29 Dec 2004

L11 ANSWER 2 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AB The most common types of benign gastric polyps are fundic gland polyps, hyperplastic polyps, and adenomas. The aim of this study was to determine on which morphological and functional background benign gastric polyps develop. The study includes 85 consecutive patients with gastric polyps and sex- and age-matched controls without polyps selected at random from a general population sample. The type of polyp was hyperplastic in 52 (61%), fundic gland in 18 (21%), adenoma in 10 (12%), carcinoid in 2 (2%), hamartoma in 2 (2%), and inflammatory fibroid in 1 (1%) of the cases. Routine biopsies from the gastric corpus and antrum were examined for presence of **gastritis** and *H. pylori*. Blood samples were analyzed for *H. pylori antibodies*, *H+, K+-ATPase antibodies*, gastrin, and *pepsinogen I*. Patients with hyperplastic polyps had increased P-gastrin concentrations and *S-H+, K+-ATPase antibody titers* and decreased *S-pepsinogen I* concentrations with a high prevalence of atrophic corpus **gastritis** or pangastritis. A similar pattern was observed among patients with adenomas, whereas patients with fundic gland polyps had normal serology and a lower prevalence of **gastritis** and *H. pylori* infection than controls. In conclusion, hyperplastic polyps and adenomas are generally associated with atrophic **gastritis**. Patients with fundic gland polyps seem to have a sounder mucosa than controls. Whereas the risk of malignant gastric neoplasia is increased in patients with hyperplastic polyps or adenomas, this does not seem to be the case in patients with fundic gland polyps.

ACCESSION NUMBER: 2003:397960 BIOSIS  
DOCUMENT NUMBER: PREV200300397960  
TITLE: Benign gastric polyps: Morphological and functional origin.  
AUTHOR(S): Borch, Kurt [Reprint Author]; Skarsgard, John; Franzen, Lennart; Mardh, Sven; Rehfeld, Jens F.  
CORPORATE SOURCE: Department of Surgery, University Hospital of Linkoping, S-58185, Linkoping, Sweden  
SOURCE: Digestive Diseases and Sciences, (July 2003) Vol. 48, No. 7, pp. 1292-1297. print.  
ISSN: 0163-2116 (ISSN print).  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 27 Aug 2003  
Last Updated on STN: 27 Aug 2003

L11 ANSWER 3 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AB Background: Gastroscopy and examination of biopsy is normally required for diagnosis of **gastritis**. This is costly and inconvenient for the patient, and there is a need for a simple pre-gastrosopic screening method to reduce the endoscopy workload. Our aim was to develop a serological screening test for **gastritis**. Methods: Sera from subjects examined with gastroscopy and biopsy were analyzed for *H, K-ATPase antibodies, Helicobacter pylori antibodies and pepsinogen I*.

The diagnoses were normal gastric mucosa (n=50), duodenal ulcer (n=53) and atrophic corpus **gastritis**, with (n=50) or without pernicious anemia (n=46). Results: An evaluation scheme was constructed to optimize the diagnostic agreement between serology and gastric mucosal morphology. The sensitivity to detect **gastritis** was 98% (146/149) (95% CI 94-100%) and the specificity 84% (42/50) (95% CI 71-93%). Additional sera from 483 subjects from the general population were analyzed. There was a good agreement between serology and gastric mucosal morphology. Conclusions: Assays of multiple serum analytes are useful for the initial screening of **gastritis**. They are complementary to upper gastroscopy by identification of subjects with a normal gastric mucosa,

those who qualify for eradication of *H. pylori*, and those who have developed atrophy and are at risk of developing malignancy and, therefore, require gastroscopic examination.

ACCESSION NUMBER: 2002:389474 BIOSIS  
DOCUMENT NUMBER: PREV200200389474  
TITLE: Diagnosis of **gastritis** by means of a combination of serological analyses.  
AUTHOR(S): Mardh, Erik; Mardh, Sven [Reprint author]; Mardh, Bibbi; Borch, Kurt  
CORPORATE SOURCE: Department of Biomedicine and Surgery, Faculty of Health Sciences, Linkoping University, S-581 85, Linkoping, Sweden  
svens.mardh@mcb.liu.se  
SOURCE: Clinica Chimica Acta, (June, 2002) Vol. 320, No. 1-2, pp. 17-27. print.  
CODEN: CCATAR. ISSN: 0009-8981.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 17 Jul 2002  
Last Updated on STN: 17 Jul 2002

L11 ANSWER 4 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AB Background: *Helicobacter pylori* plays an important part in the progression of atrophic **gastritis**; however, markers for predicting the progression of atrophic **gastritis** remain unidentified. We investigated the relation between the degree of atrophic **gastritis** and the amount of anti-parietal cell **antibodies** (APCAs) present. Methods: In 219 Japanese patients, APCAs were investigated by enzyme-linked immunosorbent assay (ELISA) and by Western blotting. The grade of corpus atrophy was estimated by histology and serum pepsinogen levels. Serum levels of pepsinogen were evaluated by radio-immunoassay. Results: *Helicobacter pylori* infection did not affect the APCAs determined by ELISA. Long-term administration of proton-pump inhibitors and *H. pylori* eradication did not influence the levels of APCAs. However, in *H. pylori*-positive patients, the levels of APCAs determined by ELISA were statistically higher in patients with severe atrophy than in those with mild atrophy as determined histologically (0.67 +- 0.48 versus 0.45 +- 0.40; A492, mean +- s, P = 0.01) and serologically by pepsinogen levels (0.66 +- 0.51 versus 0.44 +- 0.40, P = 0.002). The levels of **pepsinogen I / II** ratio were correlated with APCAs levels only in the *H. pylori*-positive group. Western blotting showed that major antigen was identical with the beta-subunit of **H<sub>+</sub>K<sup>+</sup>-ATPase**. Conclusion: APCAs play an important part in the progression of corpus atrophy after *H. pylori* infection.

ACCESSION NUMBER: 2002:239328 BIOSIS  
DOCUMENT NUMBER: PREV200200239328  
TITLE: Role of anti-parietal cell antibody in *Helicobacter pylori*-associated atrophic **gastritis**: Evaluation in a country of high prevalence of atrophic **gastritis**.  
AUTHOR(S): Ito, M.; Haruma, K.; Kaya, S.; Kamada, T.; Kim, S.; Sasaki, A.; Sumii, M.; Tanaka, S.; Yoshihara, M. [Reprint author]; Chayama, K.  
CORPORATE SOURCE: First Dept. of Internal Medicine, Hiroshima University School of Medicine, 1-2-3 Kasumi Minami-ku, Hiroshima, 734-8551, Japan  
myoshih@hiroshima-u.ac.jp  
SOURCE: Scandinavian Journal of Gastroenterology, (March, 2002) Vol. 37, No. 3, pp. 287-293. print.  
CODEN: SJGRA4. ISSN: 0036-5521.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 10 Apr 2002

Last Updated on STN: 10 Apr 2002

L11 ANSWER 5 OF 11 MEDLINE on STN

AB The excluded stomach after Roux-en-Y gastric bypass (RYGBP) cannot be readily examined by endoscopy for obvious anatomic reasons. Thus it is difficult to monitor possible changes in the gastric mucosa. However, the type and severity of **gastritis** can now be assessed by a combination of serologic tests: **pepsinogen I** and **antibodies to Helicobacter pylori** and **H,K-ATPase**. Morbidly obese patients were examined before and 1 to 4 years after surgery. A group of 34 patients (mean age 39 years, BMI 44 kg/m<sup>2</sup>) underwent RYGBP; another group of 30 patients (mean age 42 years, BMI 44 kg/m<sup>2</sup>) had simple gastric restriction and served as control subjects. All patients, except one in the control group, had normal titers of **pepsinogen I** before surgery. One year after RYGBP, **pepsinogen I** levels were significantly reduced, as compared to the control group ( $P<0.0001$ ), and remained low throughout the study. The control group had stable **pepsinogen I** levels. In both groups, few patients had increased titers of **H. pylori** or **H, K-ATPase antibodies**, but these abnormalities remained unchanged. Low **pepsinogen I** levels, similar to those we observed in our RYGBP patients, have been linked to chronic atrophic **gastritis**. However, the absence of food stimulation in the excluded stomach could also be a reason for the low **pepsinogen I** levels.

ACCESSION NUMBER: 2003241412 MEDLINE

DOCUMENT NUMBER: PubMed ID: 12763411

TITLE: Reduction in serum **pepsinogen I** after Roux-en-Y gastric bypass.

AUTHOR: Sundbom Magnus; Mardh Erik; Mardh Sven; Ohrvall Margareta; Gustavsson Sven

CORPORATE SOURCE: Department of Surgery, University Hospital, Uppsala, Sweden.. magnus.sundbom@surgsci.uu.se

SOURCE: Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract, (2003 May-Jun) Vol. 7, No. 4, pp. 529-35.

Journal code: 9706084. ISSN: 1091-255X.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200310

ENTRY DATE: Entered STN: 20030524

Last Updated on STN: 20031010

Entered Medline: 20031009

L11 ANSWER 6 OF 11 MEDLINE on STN

AB BACKGROUND: Atrophic **gastritis** is more common in Japan than in Germany. The expression of anti-parietal cell **antibody** has been implicated in the genesis of atrophic **gastritis** associated with **Helicobacter pylori** infection. OBJECTIVE: We investigated the difference in serum levels of pepsinogens and in anti-parietal cell **antibody** expression between Japanese and German patients. METHODS: We recruited 102 Japanese and 46 German patients with dyspepsia. Endoscopic examination detected no localized lesions in the upper gastrointestinal tract of any patients. Anti-parietal cell **antibody** was investigated by enzyme-linked immunosorbent assay with the purified porcine H+, K+-ATPase fraction and immunohistochemistry. **H. pylori** infection was diagnosed by the presence of anti-H. **pylori antibody**, by using the urease test and by histological examination. Serum levels of **pepsinogen I** and II and

of gastrin were measured by a modified radioimmunoassay. RESULTS: Seventy-one Japanese (70%) and 17 Germans (37%) were positive for *H. pylori*. Serum levels of anti-parietal cell antibody were not significantly different between Japanese and Germans in both *H. pylori* negative and positive groups. The serum pepsinogen I/II ratio and gastrin levels were altered by *H. pylori* infection in both populations. Moreover, anti-parietal cell antibody levels were higher in *H. pylori*-positive patients with low pepsinogen levels than in those with high pepsinogen levels in both populations. CONCLUSIONS: The levels of anti-parietal cell antibody do not differ statistically between Japanese and Germans. Anti-parietal cell antibody might play a role in the progression of atrophic gastritis in both Japanese and German patients.

ACCESSION NUMBER: 2002241566 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 11981335  
TITLE: Serological comparison of serum pepsinogen and anti-parietal cell antibody levels between Japanese and German patients.  
AUTHOR: Ito Masanori; Haruma Ken; Kaya Shunji; Kamada Tomoari; Kim Sunjin; Sasaki Atsunori; Sumii Masaharu; Tanaka Shinji; Yoshihara Masaharu; Wagner Siegfried; Chayama Kazuaki  
CORPORATE SOURCE: First Department of Internal Medicine, Hiroshima University School of Medicine, Higashi-Hiroshima, Japan.. maito@hiroshima-u.ac.jp  
SOURCE: European journal of gastroenterology & hepatology, (2002 Feb) Vol. 14, No. 2, pp. 123-7.  
Journal code: 9000874. ISSN: 0954-691X.  
PUB. COUNTRY: England: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200205  
ENTRY DATE: Entered STN: 20020501  
Last Updated on STN: 20020517  
Entered Medline: 20020516

L11 ANSWER 7 OF 11 MEDLINE on STN  
AB OBJECTIVES: To compare the diagnostic performance of serum antibodies to *H<sub>+</sub>,K<sup>+</sup>-ATPase* (EC 3.6.1.36), serum pepsinogen A (EC 3.4.23.1) and the Schilling test in diagnosing chronic atrophic body gastritis; to study the interrelationships between *H<sub>+</sub>,K<sup>+</sup>-ATPase* antibodies, serology for *Helicobacter pylori*, and gastric morphology. DESIGN: Patients with suspected cobalamin deficiency and serum cobalamin < 200 micromol/l were investigated using upper gastrointestinal endoscopy, the Schilling test and serum tests for *H<sub>+</sub>,K<sup>+</sup>-ATPase* antibodies, pepsinogen A, and *H. pylori*. SETTING: The Department of Internal Medicine, Sahlgrenska University Hospital, Goteborg, Sweden. PATIENTS: Ninety seven consecutively referred patients. MAIN OUTCOME MEASURES: Sensitivity and specificity of assays for serum *H<sub>+</sub>,K<sup>+</sup>-ATPase* antibodies, serum pepsinogen A, and the Schilling test. RESULTS: Assays of serum antibodies to *H<sub>+</sub>,K<sup>+</sup>-ATPase* and of serum pepsinogen A displayed equal diagnostic sensitivity for atrophic gastritis (around 0.90 for the severe forms) and higher than that for the Schilling test (0.65). The diagnostic specificity for pepsinogen A (1.0) was higher than for *H<sub>+</sub>,K<sup>+</sup>-ATPase* antibodies (about 0.80). The prevalence of antral gastritis and positivity for *H. pylori* antibodies declined with the transition of body gastritis into severe atrophy, while the prevalence of *H*

+ , K+-ATPase antibodies increased.  
CONCLUSION: Pepsinogen A is preferable to serum  
H+, K+-ATPase antibodies in the  
diagnosis of gastric body mucosal atrophy. The formation of H+,  
K+-ATPase antibodies does not seem to be a  
primary event in the development of gastric body mucosal atrophy.

ACCESSION NUMBER: 1999070725 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9855083  
TITLE: Serum antibodies to H+, K+-  
ATPase, serum pepsinogen A and  
Helicobacter pylori in relation to  
gastric mucosa morphology in patients with low or  
low-normal concentrations of serum cobalamins.  
AUTHOR: Lindgren A; Burman P; Kilander A F; Nilsson O; Lindstedt G  
CORPORATE SOURCE: Department of Internal Medicine, Sahlgrenska University  
Hospital, Goteborg, Sweden.  
SOURCE: European journal of gastroenterology & hepatology, (1998  
Jul) Vol. 10, No. 7, pp. 583-8.  
Journal code: 9000874. ISSN: 0954-691X.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199902  
ENTRY DATE: Entered STN: 19990223  
Last Updated on STN: 19990223  
Entered Medline: 19990211

L11 ANSWER 8 OF 11 HCPLUS COPYRIGHT 2006 ACS on STN  
AB The present invention relates to a method for diagnosing possible presence  
of **gastritis** in a human by evaluating a blood sample, comprising  
assaying the blood sample for the presence of **antibodies**  
specific for **H,K-ATPase, antibodies**  
specific for **Helicobacter pylori**, and the concentration of  
**pepsinogen I**, whereby the presence of **H,**  
**K-ATPase antibodies, Helicobacter**  
**pylori antibodies, and pepsinogen I**  
concentration are compared between themselves and in relation to the resp.  
values  
of **H,K-ATPase antibodies,**  
**Helicobacter pylori antibodies**, and **pepsinogen**  
concentration of a normal population, in a software related system, wherein  
altered levels in the sample is indicative of **gastritis**, and  
whereby, preferably, an altered level detection leads to the issuance of a  
remittance for further investigation with regard to **gastritis**.  
ELISAs were performed on blood samples.

ACCESSION NUMBER: 2003:778075 HCPLUS  
DOCUMENT NUMBER: 139:273239  
TITLE: Screening method and kit for **gastritis** by  
determining **pepsinogen I,**  
**H,K-ATPase**  
**antibodies, and Helicobacter**  
**pylori antibodies** in blood  
INVENTOR(S): Mardh, Sven; Mardh, Erik  
PATENT ASSIGNEE(S): Atrophus AB, Swed.  
SOURCE: PCT Int. Appl., 36 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

WO 2003081248	A1	20031002	WO 2003-SE469	20030321
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2478891	AA	20031002	CA 2003-2478891	20030321
AU 2003216007	A1	20031008	AU 2003-216007	20030321
EP 1488238	A1	20041222	EP 2003-745056	20030321
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005521055	T2	20050714	JP 2003-578931	20030321
PRIORITY APPLN. INFO.:			SE 2002-974	A 20020327
			WO 2003-SE469	W 20030321
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 9 OF 11 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on STN

AB Background. *Helicobacter pylori* is thought to be involved in atrophic body **gastritis**. We explored the prevalence of *H. pylori* infection in asymptomatic subjects with gastric parietal cell **antibodies**, as well as in patients with pernicious anemia, to evaluate a possible role of *H. pylori* gastric infection in gastric autoimmunity.

Patients and Methods. We studied 79 consecutive asymptomatic subjects with parietal cell **antibodies**, 24 patients with pernicious anemia, and 66 parietal cell **antibody-negative** controls. All patients underwent gastric biopsies for histology and detection of *H. pylori*. Red blood cell count and volume, serum levels of gastrin, **pepsinogen I**, iron, folic acid, vitamin B-12, and circulating **antibodies** to *H. pylori* and to intrinsic factor were also determined.

Results. We found an atrophic body **gastritis** in 14 of the 79 asymptomatic subjects with parietal cell **antibodies** (18%) and in 2 of the 66 controls (3%) ( $p = .01$ ). Mean levels of gastrin were increased ( $p < .0001$ ), while those of pepsinogen were reduced ( $p < .001$ ) compared with controls. *H. pylori* was identified at the gastric level and/or circulating anti-*H. pylori* **antibodies** were detected in 46 parietal cell **antibody-positive** subjects (58%) compared with 26 controls (39%) ( $p = .03$ ). In patients with pernicious anemia we found an atrophic body **gastritis** in 18 of 24 cases (75%) ( $p < .001$  vs. controls). Mean levels of gastrin were markedly increased ( $p < .0001$ ) and those of **pepsinogen I** decreased ( $p < .0001$ ) relative to controls. Only five of these patients (21%) had evidence of *H. pylori* infection compared with 46 of the parietal cell **antibody-positive** subjects (58%) ( $p = .003$ ) and 26 of the controls (39%). Considering all patients with gastric autoimmunity (i.e. with parietal cell **antibodies** and/or with pernicious anemia), *H. pylori* was found in 44 of 72 of those without atrophy (61%) but in 6 of 31 with gastric body atrophy (19%) ( $p < .001$ ), indicating that *H. pylori* infection is greatly reduced when gastric acid secretion decreases.

Conclusions. The frequent detection of *H. pylori* infection in subjects with early gastric autoimmunity, indicated by the presence of parietal cell **antibodies**, suggests that *H. pylori* could have a crucial role in the induction and/or the maintenance of

autoimmunity at the gastric level.  
ACCESSION NUMBER: 2003:1051358 SCISEARCH  
THE GENUINE ARTICLE: 747HD  
TITLE: ***Helicobacter pylori* infection and  
gastric autoimmune diseases: Is there a link?**  
AUTHOR: Presotto F; Sabini B; Cecchetto A; Plebani M; De Lazzari  
F; Pedini B; Betterle C (Reprint)  
CORPORATE SOURCE: Univ Padua, Sch Med, Dept Med & Surg Sci, Via Osped 105,  
I-35128 Padua, Italy (Reprint); Univ Padua, Sch Med, Dept  
Med & Surg Sci, I-35128 Padua, Italy; Univ Padua, Sch Med,  
Dept Pathol, I-35128 Padua, Italy; Univ Padua, Sch Med,  
Dept Surg, I-35128 Padua, Italy; Univ Padua, Sch Med, Dept  
Gastroenterol Sci, I-35128 Padua, Italy; Azienda Osped,  
Dept Lab Med, Padua, Italy  
COUNTRY OF AUTHOR: Italy  
SOURCE: HELICOBACTER, (DEC 2003) Vol. 8, No. 6, pp. 578-584.  
ISSN: 1083-4389.  
PUBLISHER: BLACKWELL PUBLISHING INC, 350 MAIN ST, MALDEN, MA 02148  
USA.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 25  
ENTRY DATE: Entered STN: 12 Dec 2003  
Last Updated on STN: 12 Dec 2003  
**\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\***

L11 ANSWER 10 OF 11 USPATFULL on STN

AB Isolated nucleic acid molecules encoding polypeptides from a human,  
reagents related thereto (including purified polypeptides specific  
antibodies) are provided. Methods of using said reagents and  
diagnostic kits are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:335581 USPATFULL  
TITLE: Lp mammalian proteins; related reagents  
INVENTOR(S): Mills, Bradley Jay, Fountaintown, IN, UNITED STATES  
Mishra, Santosh Kumar, The Capricorn, SINGAPORE  
Su, Eric Wen, Carmel, IN, UNITED STATES  
Varga, Gabor, Indianapolis, IN, UNITED STATES  
Wang, He, Carmel, IN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004266674	A1	20041230
APPLICATION INFO.:	US 2004-487462	A1	20040219 (10)
	WO 2002-US21857		20020823

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-317188P	20010905 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Eli Lilly and Company, Gerald P Keleher, Patent Division, P O Box 6288, Indianapolis, IN, 46206-6288	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	9610	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 11 OF 11 USPATFULL on STN

AB Novel full-length cDNAs are provided.

2443 cDNA derived from human have been isolated. The full-length

nucleotide sequences of the cDNA and amino acid sequences encoded by the nucleotide sequences have been determined. Because the cDNA of the present invention are full-length and contain the translation start site, they provide information useful for analyzing the functions of the polypeptide.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:7327 USPATFULL  
TITLE: Novel full-length cDNA  
INVENTOR(S): Isogai, Takao, Ibaraki, JAPAN  
Sugiyama, Tomoyasu, Tokyo, JAPAN  
Otsuki, Tetsuji, Chiba, JAPAN  
Wakamatsu, Ai, Chiba, JAPAN  
Sato, Hiroyuki, Osaka, JAPAN  
Ishii, Shizuko, Chiba, JAPAN  
Yamamoto, Jun-Ichi, Chiba, JAPAN  
Isono, Yuuko, Chiba, JAPAN  
Hio, Yuri, Chiba, JAPAN  
Otsuka, Kaoru, Saitama, JAPAN  
Nagai, Keiichi, Tokyo, JAPAN  
Irie, Ryotaro, Chiba, JAPAN  
Tamechika, Ichiro, Osaka, JAPAN  
Seki, Naohiko, Chiba, JAPAN  
Yoshikawa, Tsutomu, Chiba, JAPAN  
Otsuka, Motoyuki, Tokyo, JAPAN  
Nagahari, Kenji, Tokyo, JAPAN  
Masuho, Yasuhiko, Tokyo, JAPAN  
PATENT ASSIGNEE(S): Helix Research Institute (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004005560	A1	20040108
APPLICATION INFO.:	US 2002-108260	A1	20020328 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2002-137785	20020322
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	16587	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>